

WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT
OF COMMERCE
National Oceanic and
Atmospheric Administration,
National Weather Service

U.S. DEPARTMENT
OF AGRICULTURE
National Agricultural
Statistics Service and
World Agricultural Outlook Board

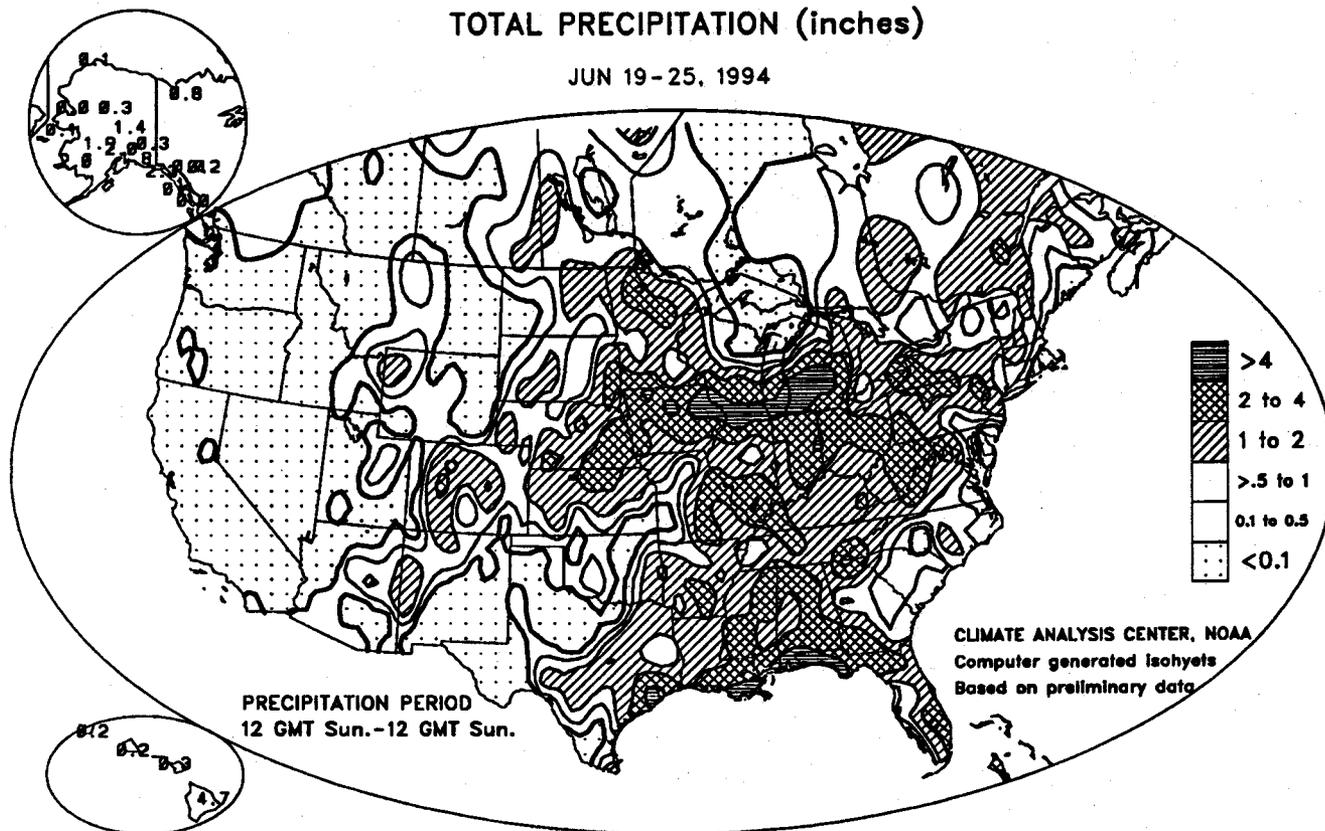
Volume 81, No. 26

Washington, D.C.

June 28, 1994

TOTAL PRECIPITATION (inches)

JUN 19 - 25, 1994



HIGHLIGHTS

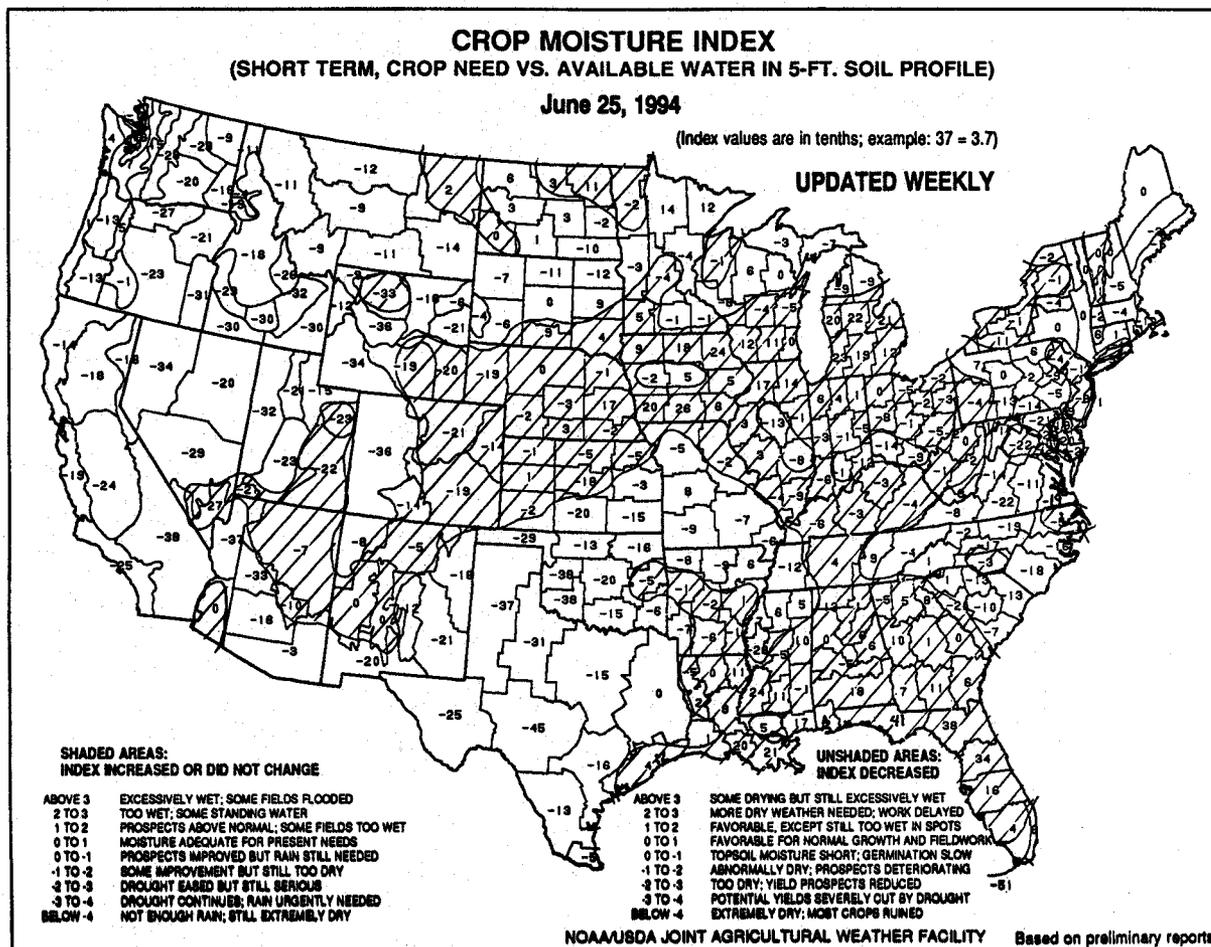
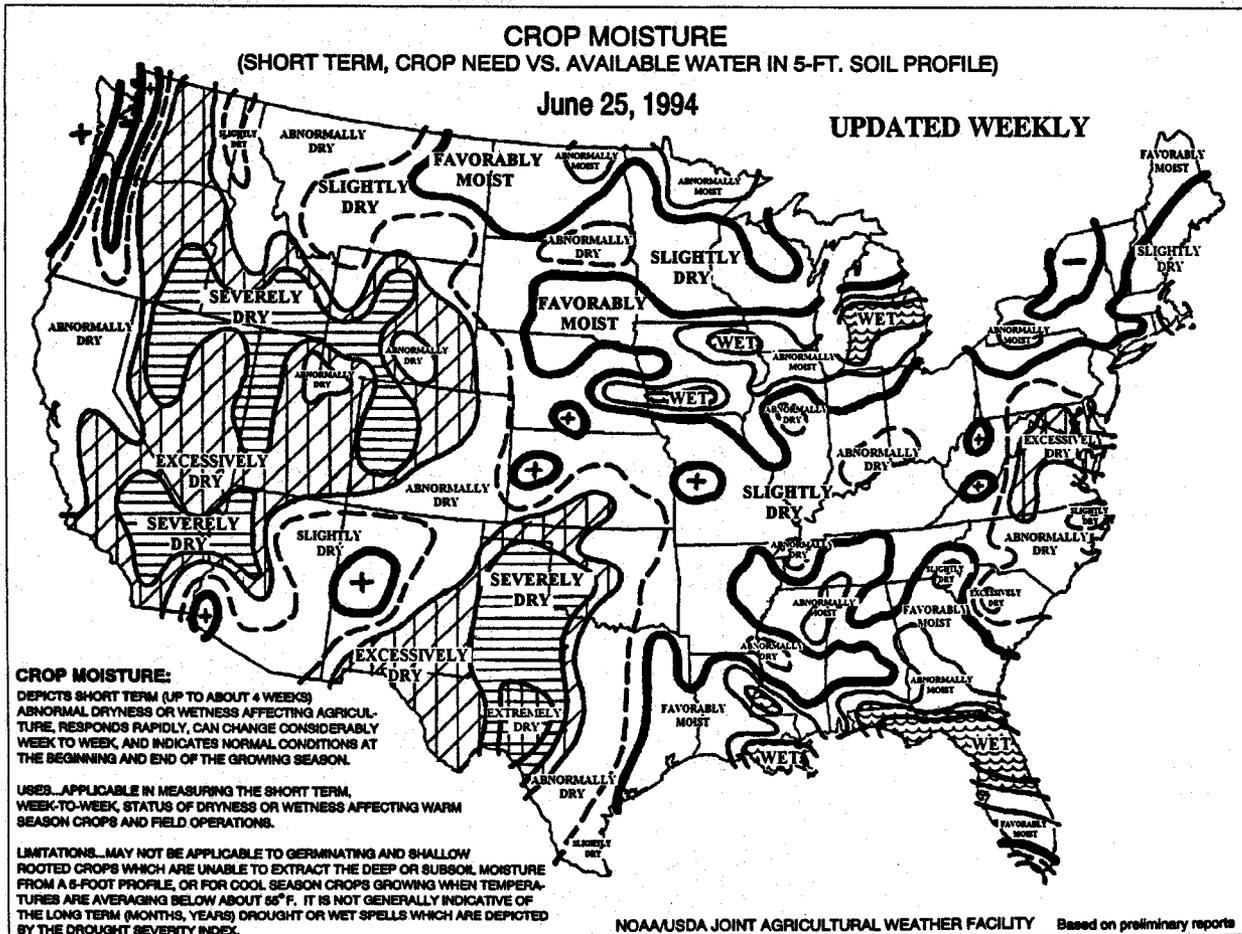
June 19 - 25, 1994

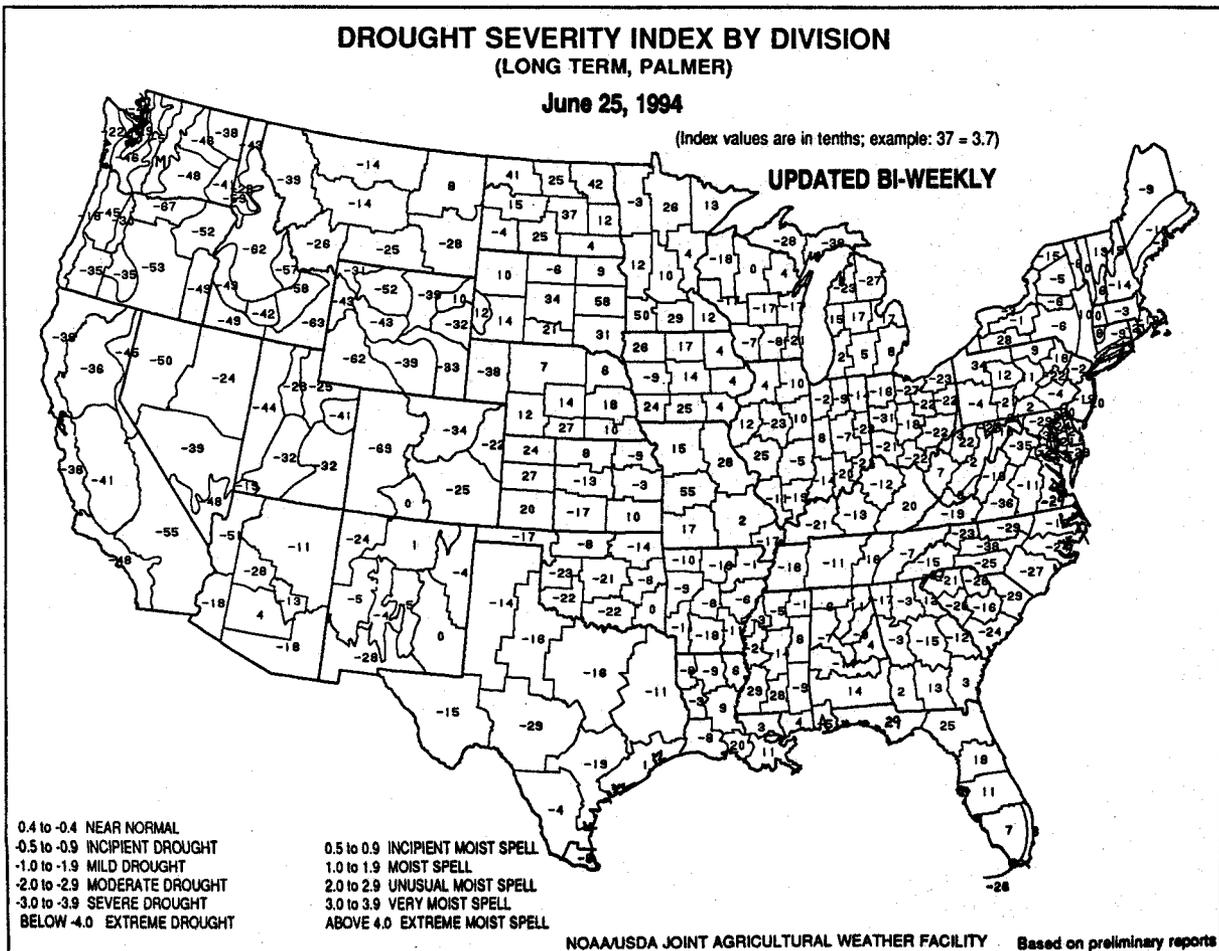
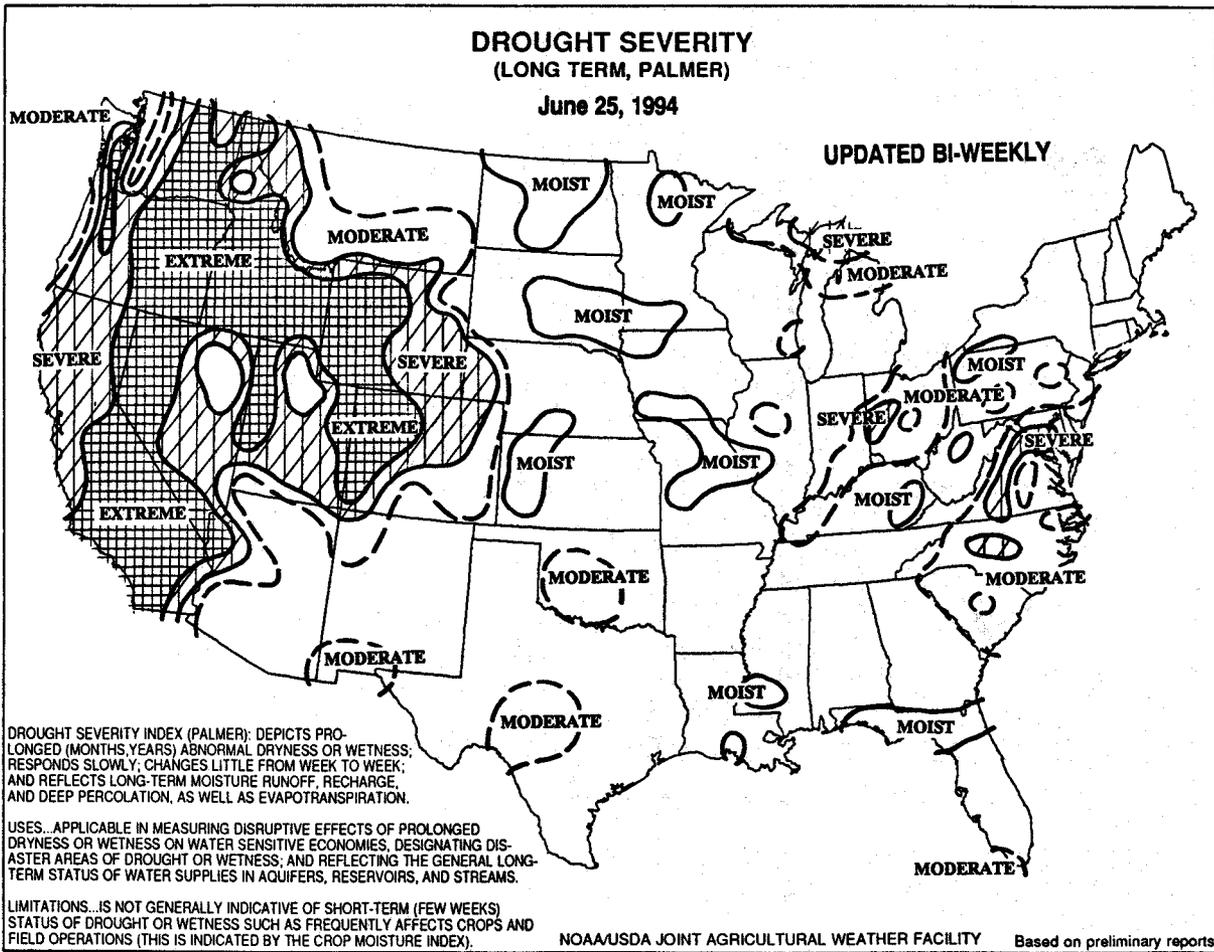
From the Midwest to the Middle Atlantic States, last week's fierce heat slowly yielded to cooler weather and rain, favorably affecting corn and soybeans as the critical reproduction period approaches. On Sunday and Monday, before the heat-producing ridge shifted westward, three dozen daily records were broken from Indiana and Kentucky eastward. Pittsburgh, PA posted its seventh daily record (tied or broken) in 8 days on June 20. A day earlier, highs included 99°F in Fort Wayne, IN, and 98°F in Ohio at Columbus and Dayton. Philadelphia, PA registered 100°F. However, a weak cold front squashed the brunt of the eastern Corn Belt/Middle Atlantic heat wave by Tuesday. Although temperatures continued to reach as high as the lower 90's, significant rainfall pushed into the affected region during the latter half of the week. Grand Rapids, MI received 5.14 inches.

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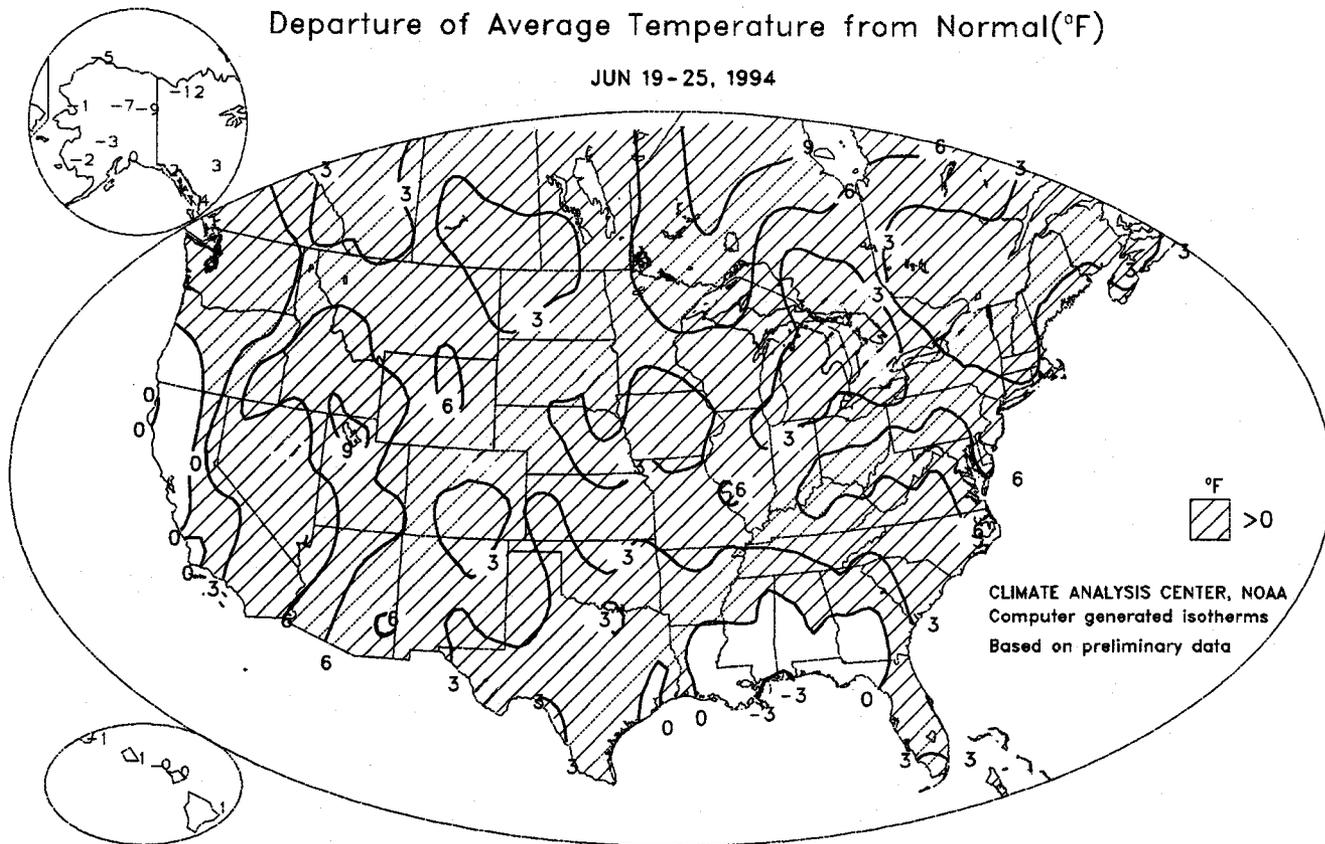
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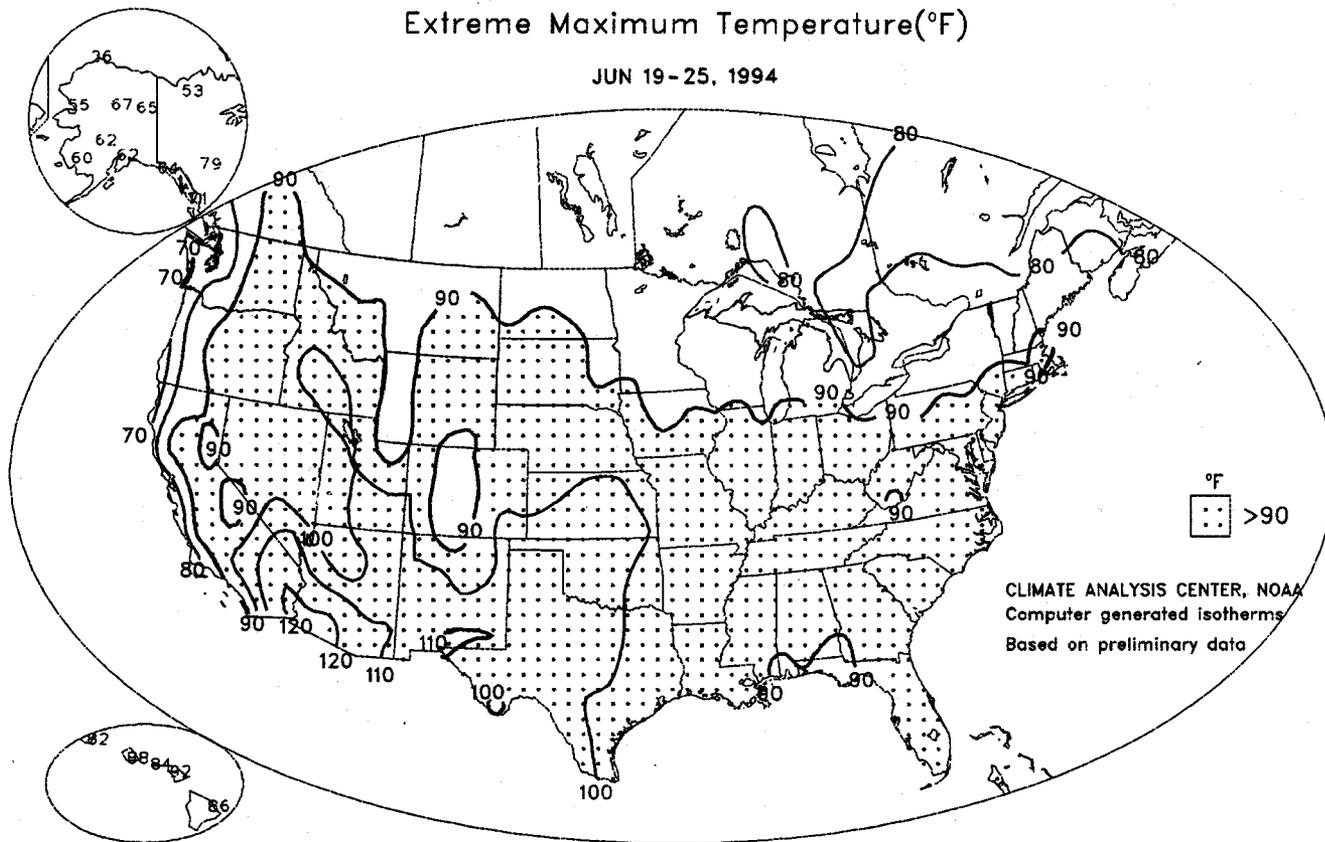
Departure of Average Temperature from Normal(°F)

JUN 19-25, 1994



Extreme Maximum Temperature(°F)

JUN 19-25, 1994



CUMULATIVE GROWING DEGREE DAYS (CORN) March 1 - June 25, 1994

STATES AND STATIONS	TOTAL	DEP. FROM NORMAL	STATES AND STATIONS	TOTAL	DEP. FROM NORMAL	STATES AND STATIONS	TOTAL	DEP. FROM NORMAL
AL ANNISTON	2051	+ 155	RUSSELL	1659	+ 318	YOUNGSTOWN	993	+ 93
BIRMINGHAM	2045	+ 121	SALINA	1677	+ 270	ZANESVILLE	1165	+ 47
MOBILE	2410	+ 61	TOPERA/BILLARD	1585	+ 181	OK ALTO	2038	+ 54
MONTGOMERY	2311	+ 269	WICHITA	1715	+ 149	GAGE	1805	+ 195
MUSCLE SHOALS	1946	+ 147	KY LEXINGTON	1416	+ 48	HOBERT	1925	+ 141
OSARK	2311	+ 108	BOWLING GREEN	1612	+ 66	MCALISTER	1997	+ 126
TUSCALOOSA	2147	+ 116	PADUCAH	1705	+ 80	POKCA CITY	1938	+ 272
AK FLAGSTAFF	LA LAFAYETTE	2516	+ 119	TULSA	1912	+ 117
DOUGLAS	2030	+ 237	LAKE CHARLES	2543	+ 163	OR BAKER	919	+ 203
PHOENIX	2668	+ 354	MORRON	2364	+ 221	HUGHE	975	+ 175
TUCSON	2393	+ 290	NEW ORLEANS	2517	+ 112	NORTH BEND	646	+ 171
YUMA	2909	+ 444	SEBIEVEPORT	2272	+ 107	FREDLITON	1117	+ 176
PRESCOTT	1429	+ 288	ME AUGUSTA	656	+ 21	KENDON	863	+ 109
AR EL DORADO	2131	+ 120	CARLEBOU	528	+ 57	PORTLAND	1076	+ 275
FAYETTEVILLE	1740	+ 181	HOULTON	558	+ 24	SALM	1075	+ 288
FORT SMITH	2057	+ 226	PORTLAND	673	+ 94	SEXTON SUMMIT	472	- 4
JONESBORO	1910	+ 88	MD SALLISBURY	1485	+ 214	PA ALLENTOWN	1218	+ 195
LITTLE ROCK	2056	+ 144	MA WORCESTER	785	+ 60	PHILADELPHIA	1455	+ 336
TEXARKANA	2179	+ 100	MI GRAND RAPIDS	980	...	WILLIAMSPORT	1148	+ 162
CA BAKERSFIELD	1965	+ 84	JACKSON	1016	+ 99	SC BRADFORD	2406	+ 249
BLUE CANYON	565	+ 6	LANSING	967	+ 14	CHARLESTON	2324	+ 253
DAGGOTT	2280	+ 253	MUSKOGON	805	+ 45	COLUMBIA	2234	+ 237
EUREKA	656	+ 307	PELLSTON	726	+ 117	FLORENCE	2195	+ 216
FAIRFIELD	1580	+ 199	SAULT STE. MARIE	532	+ 63	SUMNER/SHAW AFS	2120	+ 96
FRESNO	1907	+ 251	TRAVERSE CITY	829	+ 127	SD ABERDEEN	1152	+ 347
MARYSVILLE	1805	+ 187	NM DULUTH	664	+ 176	BURON	1125	+ 208
MT SEASTA	892	+ 129	INT'L FALLS	747	+ 154	PIERRE	1234	+ 299
PASO ROBLES	1641	+ 251	MINDIAPOLIS	1057	...	RAPID CITY	1169	+ 332
RED BLUFF	1713	+ 96	ROCHESTER	1005	...	SIOUX FALLS	1248	+ 298
RIVERSIDE	1621	+ 3	ALEXANDRIA	917	+ 188	WATERLOO	950	+ 182
SANTA ANA	1883	+ 356	MS BILOXI	2518	+ 131	TN BRISTOL	1515	+ 103
SAN DIEGO	1429	+ 100	COLUMBUS	2307	+ 349	CHAFFANOOGA	1871	+ 177
SACRAMENTO	1629	+ 169	JACKSON	2177	+ 126	CROSSVILLE	1534	+ 280
TERREHAI	2507	+ 68	MERIDIAN	2325	+ 251	MEMPHIS	2150	+ 238
CO ALAMOSA	856	+ 88	GREENWOOD	2249	+ 197	NASHVILLE	1768	+ 71
DENVER	1397	+ 404	NO COLUMBIA	1466	+ 143	TX ABILENE	2179	+ 74
EAGLE	917	+ 114	JOPLIN	1746	+ 167	AMARILLO	1674	+ 142
GRAND JUNCTION	1545	+ 252	SPRINGFIELD	1655	+ 189	AUSTIN	2536	+ 143
LA JUMTA	1586	+ 220	VICHY	1536	+ 112	BROWNVILLE	2969	+ 52
DE DOVER	1294	- 45	MT HELIENA	909	+ 269	COLLEGE STATION	2493	+ 143
WILMINGTON	1360	+ 192	KALISPELL	702	+ 39	DALHART	1650	+ 216
FL DAYTONA BEACH	2672	+ 189	MILES CITY	1130	+ 273	DRL RIO	2721	+ 223
FORT MYERS	3076	+ 297	ME GRAND ISLAND	1429	+ 295	DALLAS/FT WORTH	2301	+ 157
GAINESVILLE	2503	+ 16	NORFOLK	1428	+ 357	GALVESTON	2751	+ 269
JACKSONVILLE	2483	+ 125	NORTH PLATTE	1366	+ 338	HOUSTON/INTCWTL	2614	+ 253
FORT LAUDERDALE	3332	+ 418	VALENTINE	1262	+ 227	KINGSVILLE/WAS	2880	+ 93
MIAMI	3308	+ 286	SCOTTSBLOFF	1325	+ 349	LAREDO	2993	+ 128
MILTON	2410	+ 134	NV SIDNEY	1254	+ 382	LOBBOCK	1995	+ 202
PENSACOLA	2484	+ 117	ELKO	992	+ 190	MCALLAM	3080	+ 227
ST PETERSBURG	2964	+ 126	ELY	968	+ 239	MIDLAND	2158	+ 40
TALLAHASSEE	2457	+ 152	LAS VEGAS	2462	+ 441	PALACIOS	2623	+ 72
TAMPA	2931	+ 260	RENO	1269	+ 258	SAN ANTONIO	2637	+ 165
VERO BEACH	2913	+ 254	WINDHEMUCCA	1217	+ 256	VICTORIA	2657	+ 165
W. PALM BEACH	3094	+ 187	ME CONCORD	894	+ 99	WACO	2314	+ 28
GA ATHENS	2019	+ 205	NJ NEWARK	1420	+ 306	WICHITA FALLS	2047	+ 48
AUGUSTA	2140	+ 165	NM ALBUQUERQUE	1743	+ 286	WINK	2299	+ 175
BRUNSWICK	2459	+ 176	CARLBRAD	2284	+ 275	UT CEDAR CITY	1278	+ 291
COLUMBUS/METRO	2282	+ 200	GLOVIS	1723	+ 178	VT BARRIE-MONTPELIER	706	+ 85
MACON	2228	+ 124	GALLUP	1248	+ 157	BURLINGTON	828	+ 100
SAVANNAH	2439	+ 252	TRUTH OR CONSEQ.	1909	+ 193	VA CHARLOTTESVILLE	1611	+ 172
ID BOISE	1234	+ 297	NY ALBANY	941	+ 70	HANPTON/LANGLEY	1688	+ 209
BURLEY	1196	+ 390	ELMIRA	935	+ 89	LYNCHBURG	1498	+ 109
IDARO FALLS	1022	+ 332	GLENS FALLS	875	+ 101	NORFOLK	1835	+ 320
POCATELLO	1085	+ 340	POUGHKEEPSIE	1039	+ 105	RICHMOND	1709	+ 175
IL BEALVILLE	1526	+ 71	ROCHESTER	875	+ 43	WA BELLINGHAM	696	+ 175
CHICAGO/MIDWAY	1153	+ 112	SYRACUSE	860	+ 34	HOQUIAM	612	+ 144
DECATUR	1269	- 55	UTICA	816	+ 66	SHAWTEE-TACOMA	835	+ 222
PERIA	1325	+ 188	WATERLOO	764	+ 32	SPOKANE	852	+ 174
ROCKFORD	1189	+ 221	ASHEVILLE	1481	+ 110	TACOMA	856	+ 156
SPRINGFIELD	1392	+ 110	FAYETTEVILLE	2000	+ 204	WALLA WALLA	1330	+ 341
QUINCY	1304	+ 66	GREENSBORO	1677	+ 108	WENATCHEE	1216	+ 149
IN INDIANAPOLIS	1301	+ 78	HICKORY	1707	+ 144	YAKIMA	1176	+ 166
SOUTH BEND	1126	+ 146	BALHIGN	1810	+ 158	WV HUNTINGTON	1472	+ 162
TERRE HAUTE	1355	+ 99	WILMINGTON	2067	+ 208	MARTINSBURG	1300	+ 88
IA DES MOINES	1312	+ 104	NEW BERN	1959	+ 131	MORGANTOWN	1250	+ 52
MASON CITY	1145	+ 155	ND BISMARCK	982	+ 231	EAU CLAIRE	1025	+ 196
OTTUMWA	1322	+ 162	DICKINSON	946	+ 164	GREEN BAY	950	+ 221
SIOUX CITY	1362	...	JACKSON	934	+ 204	LACROSSE	1134	+ 199
WATERLOO	1342	...	MIDOT	846	+ 178	MADISON	1122	+ 206
KS CHANUTE	1635	+ 123	GRAND FORKS	919	+ 210	WAUSAU	942	+ 207
DODGE CITY	1628	+ 235	OH AKRON-CANTON	1014	+ 42	WY CASPER	1205	+ 479
GARDEN CITY	1625	+ 244	COLUMBUS	1247	+ 96	LARDER	1098	+ 404
GOODLAND	1396	+ 292	DAYTON	1240	+ 67	SHELDON	1029	+ 314
MEDICINE LODGE	1827	+ 195	FINDLAY	1075	+ 64	WORLAND	1277	+ 418

Based on 1951-80 normals.

* Growing degree days for corn are computed to a 50°F base with the daily maximum temperature limited to 86°F or lower, and the daily minimum to 50°F or higher.

National Weather Data for Selected Cities

Weather Data for the Week Ending June 25, 1994

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS									
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE		32 AND BELOW		.01 INCH OR MORE		.50 INCH OR MORE	
																	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	88	69	92	65	78	1	1.3	.4	.7	4.0	132	29.2	101	93	55	3	0	0	0	5	1	2	1	
MOBILE	86	71	89	68	78	-3	2.7	1.5	1.4	5.4	131	27.7	89	97	68	0	0	0	0	5	5	0	0	
MONTGOMERY	87	71	92	68	79	0	2.0	.8	1.3	4.7	115	25.6	88	92	63	1	0	0	0	3	2	2	0	
AK ANCHORAGE	60	52	62	46	56	0	1.1	.8	.9	1.4	147	4.7	101	83	60	0	0	0	0	5	3	1	1	
BARROW	34	29	36	25	31	-5	1.1	.0	.1	.1	68	.7	75	93	81	0	0	7	1	1	0	0	0	
FAIRBANKS	62	49	69	47	56	-6	1.4	1.1	.4	2.3	212	3.6	107	92	63	0	0	0	0	5	0	0	0	
JUNEAU	59	50	67	48	54	0	1.3	.6	.1	.9	36	20.9	103	96	66	0	0	0	0	2	0	0	0	
KODIAK	61	48	67	45	54	4	1.6	.4	.5	2.6	64	45.1	145	90	63	0	0	0	0	4	0	0	0	
NOKE	53	41	59	35	47	0	1.1	.2	.1	.1	15	2.9	71	87	54	0	0	0	0	1	0	0	0	
AZ PHOENIX	106	82	116	80	94	4	1.4	.4	.1	.4	15	2.5	94	40	17	7	0	0	0	0	0	0	0	
PRESCOTT	91	63	101	56	77	8	1.1	.1	.1	.1	32	3.5	54	57	22	5	0	0	1	0	0	0	0	
TUCSON	104	76	115	72	90	5	1.4	.1	.1	.1	33	2.8	98	52	17	7	0	0	2	0	0	0	0	
YUMA	110	85	119	82	98	8	1.0	.0	.0	.0	0	.7	71	37	16	7	0	0	0	0	0	0	0	
AR FORT SMITH	94	71	98	68	82	4	2.5	1.8	1.6	3.6	125	25.8	125	92	44	7	0	0	3	2	2	0	0	
LITTLE ROCK	91	70	94	69	81	2	1.9	.1	.6	5.0	139	29.6	119	89	51	6	0	0	3	1	1	0	0	
CA BAKERSFIELD	97	63	100	61	80	1	1.0	.0	.0	.0	0	4.2	110	58	15	7	0	0	0	0	0	0	0	
FRESNO	62	53	65	52	58	2	1.1	.1	.1	.8	179	19.5	94	89	69	0	0	0	0	0	0	0	0	
FRESNO	97	62	99	59	80	1	1.0	.0	.0	.0	0	6.3	91	58	15	7	0	0	0	0	0	0	0	
LOS ANGELES	77	61	82	59	69	3	1.0	.0	.0	.0	0	6.2	81	86	50	0	0	0	0	0	0	0	0	
REDDING	93	57	95	54	75	-3	1.0	.1	.0	.1	4	15.0	80	66	13	6	0	0	0	0	0	0	0	
SACRAMENTO	91	54	94	51	73	0	1.0	.0	.0	.6	570	7.3	68	84	21	6	0	0	0	0	0	0	0	
SAN DIEGO	78	63	84	61	71	3	1.0	.0	.0	.1	0	8.1	131	89	48	0	0	0	0	0	0	0	0	
SAN FRANCISCO	69	52	73	50	61	-1	1.0	.0	.0	.1	30	10.7	87	90	55	0	0	0	0	0	0	0	0	
CO DENVER	88	59	95	54	73	4	1.2	.2	.1	1.0	67	6.4	80	83	28	4	0	0	3	0	0	0	0	
GRAND JUNCTION	94	64	103	61	79	4	1.1	.1	.1	.1	7	3.1	65	76	19	5	0	0	2	0	0	0	0	
FUENFLO	90	56	99	53	73	0	1.3	.0	.1	1.6	157	7.6	167	92	27	4	0	0	5	0	0	0	0	
CT BRIDGEPORT	83	66	96	62	75	5	1.4	.4	.2	1.1	38	21.4	104	83	54	1	0	0	3	0	0	0	0	
HARTFORD	81	63	93	62	72	2	1.6	.2	.3	3.1	97	24.6	115	87	54	1	0	0	3	0	0	0	0	
DC WASHINGTON	94	73	99	70	84	6	1.6	.6	.3	.8	30	20.9	118	90	47	7	0	0	3	0	0	0	0	
FL PANAMA CITY	83	73	86	70	78	-2	5.8	4.0	1.8	8.0	149	22.1	77	96	75	0	0	0	6	4	0	0	0	
DAYTONA BEACH	91	73	94	71	82	2	1.0	.5	.5	6.4	129	26.2	135	99	57	5	0	0	4	0	0	0	0	
JACKSONVILLE	90	72	92	71	81	1	1.5	.2	.5	13.3	299	27.6	131	98	60	5	0	0	5	0	0	0	0	
KEY WEST	92	82	93	79	87	3	1.1	.1	.1	.1	1	10.6	70	81	60	7	0	0	0	0	0	0	0	
MIAMI	92	76	94	74	84	3	1.1	.1	.1	4.1	51	22.1	94	87	53	7	0	0	3	1	0	0	0	
ORLANDO	90	74	93	73	82	1	1.1	.1	.1	.6	10.2	17.0	125	98	59	4	0	0	2	0	0	0	0	
TALLAHASSEE	88	70	92	68	79	-1	2.8	1.0	1.2	8.4	149	39.0	127	95	66	2	0	0	5	3	0	0	0	
TAMPA	90	78	91	73	84	2	1.1	.7	.1	.1	8.4	14.9	127	95	66	2	0	0	5	3	0	0	0	
WEST PALM BEACH	90	74	91	71	82	0	2.2	.4	.8	9.5	141	33.4	135	97	58	6	0	0	4	0	0	0	0	
GA ATLANTA	90	71	94	69	81	4	1.4	.4	.4	.9	31	21.4	80	88	51	5	0	0	2	0	0	0	0	
AUGUSTA	92	68	94	65	80	1	1.1	.8	.1	2.8	81	19.4	83	95	53	6	0	0	3	0	0	0	0	
MACON	88	70	91	66	79	-1	1.3	.6	.1	3.8	129	22.0	92	99	57	3	0	0	4	0	0	0	0	
SAVANNAH	92	72	95	70	82	2	1.8	.6	.6	6.6	142	24.1	108	96	53	5	0	0	3	1	0	0	0	
HI HILO	83	70	86	68	77	1	4.7	3.3	1.6	9.5	187	77.7	121	91	68	0	0	0	6	4	0	0	0	
HONOLULU	88	74	88	73	81	1	1.2	.1	.1	.2	41	11.4	103	77	50	0	0	0	2	0	0	0	0	
KAHULUI	86	71	92	70	79	1	1.3	.2	.3	.4	157	7.9	63	76	57	1	0	0	1	0	0	0	0	
LIHOE	81	72	82	71	77	-1	1.2	.1	.2	.7	50	17.7	83	84	68	0	0	0	2	0	0	0	0	
ID BOISE	95	56	100	43	75	7	1.0	.2	.0	.2	34	4.9	72	74	15	6	0	0	0	0	0	0	0	
LEWISTON	89	56	98	46	72	4	1.0	.3	.0	.4	41	5.1	75	54	19	4	0	0	0	0	0	0	0	
POCATELLO	92	50	99	45	71	6	1.1	.2	.1	.1	11	4.1	62	88	16	5	0	1	0	0	0	0	0	
IL CHICAGO	82	61	90	56	72	1	4.5	3.6	2.7	6.1	195	14.6	93	88	43	1	0	0	3	3	0	0	0	
MOLINE	87	64	96	58	76	3	2.2	1.2	1.3	4.3	122	12.9	74	95	51	4	0	0	4	0	0	0	0	
PEORIA	90	67	97	59	79	6	1.7	.3	.7	1.2	36	10.1	61	88	45	4	0	0	2	1	0	0	0	
QUINCY	87	67	93	61	77	3	1.3	.6	.2	1.2	38	10.7	61	84	51	4	0	0	3	0	0	0	0	
ROCKFORD	84	63	91	56	73	3	4.8	3.7	2.5	5.4	144	14.7	92	97	50	1	0	0	4	3	0	0	0	
SPRINGFIELD	90	69	98	59	80	5	1.2	.4	1.1	5.2	181	20.7	124	87	46	4	0	0	3	1	0	0	0	
IN EVANSVILLE	92	71	98	61	82	5	1.8	.1	.4	1.3	43	15.5	67	90	46	5	0	0	2	0	0	0	0	
FORT WAYNE	89	66	99	57	78	6	1.2	.4	.7	2.3	77	14.8	90	87	47	4	0	0	3	1	0	0	0	
INDIANAPOLIS	89	67	95	58	78	5	1.5	.7	.7	3.2	110	15.8	83	83	44	4	0	0	4	2	0	0	0	
SOUTH BEND	85	63	96	56	74	3	2.0	1.0	1.4	3.2	93	11.6	65	87	49	3	0	0	4	1	0	0	0	
IA DES MOINES	86	65	92	60	76	4	1.3	.3	1.1	4.9	129	12.5	79	93	52	2	0	0	4	1	0	0	0	
SIoux CITY	85	66	93	62	76	3	1.6	.3	.3	3.4	110	8.5	69	92	49	1	0	0	4	0	0	0	0	
WATERLOO	84	63	91	58	73	3	3.5	2.4	2.5	5.0	134	12.0	79	94	56	1	0	0	5	2	0	0	0	
KS CONCORDIA	90	67	99	62	78	3	1.2	.2	.7	3.5	93	7.7	55	92	43	3	0	0	3	0	0	0	0	
DODGE CITY	95	65	102	60	80	3	1.1	.4	.9	1.5	60	5.2	51	87	29	6	0	0	2	1	0	0	0	
GOODLAND	88	60	94	56	74	3	1.1	.4	.8	1.9	71	6.8	73	90	35	4	0	0	2	1	0	0	0	
TOPEKA	90	67	99	62	79	4	1.2	.1	.6	1.8	39	8.6	51	95	44	4	0	0	2	2	0	0	0	
WICHITA	94	68	105	62	81	5	1.4	.3	.3	2.7	56	7.6	46	91	36	6	0	0	2	0	0	0	0	
KY BOWLING GREEN	90	69	98	62	80	4	1.7	.2	.7	3.8	108	31.4	122	97	56	5	0	0	1	1	0	0	0	
LEXINGTON	90	68	97	62	79	5	1.1	.2	.9	2.0	65	27.7	127	92	51	4	0	0	2	1	0	0	0	
LOUISVILLE	92	71																						

Weather Data for the Week Ending June 25, 1994

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION						RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS							
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jan 1	PCT. NORMAL SINCE Jan 1	AVERAGE	MAXIMUM	MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE		.50 INCH OR MORE	
																			90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
ME CARIBOU	73	54	78	48	64	2	.9	.2	.7	3.0	125	19.5	126	80	85	0	0	0	0	2	1	
PORTLAND	77	60	88	57	69	4	.4	.4	.3	1.2	40	22.3	106	87	82	0	0	0	0	2	0	
MD BALTIMORE	92	70	99	66	81	7	.7	.1	.4	.9	28	23.8	122	95	91	0	0	0	0	2	0	
SALISBURY	91	67	95	63	79	6	.1	.7	.1	.6	18	22.7	108	94	88	0	0	0	0	2	0	
MA BOSTON	83	64	95	60	73	4	.2	.5	.1	.6	23	23.9	117	84	85	1	1	0	0	1	0	
CHATHAM	75	61	89	37	68	5	.2	.6	.2	1.3	50	27.1	125	92	97	0	0	0	0	2	2	
MI ALPENA	76	54	87	52	65	3	1.3	.5	.7	2.0	80	10.5	84	95	97	0	0	0	0	2	0	
DETROIT	85	66	93	58	75	6	2.4	1.6	1.6	3.6	121	15.3	103	87	92	3	3	0	0	4	1	
FLINT	79	60	90	52	69	2	3.8	3.0	1.4	4.9	181	15.0	115	92	96	1	1	0	0	4	3	
GRAND RAPIDS	78	60	88	55	69	2	5.1	4.3	2.9	7.0	226	18.7	121	93	95	0	0	0	0	4	4	
HOUGHTON LAKE	78	57	85	46	67	3	.9	.2	.7	1.2	47	10.3	85	89	93	0	0	0	0	3	1	
LANSING	79	57	90	48	68	0	3.4	2.6	1.8	4.9	173	14.5	107	96	95	1	1	0	0	4	3	
MARQUETTE	79	56	85	52	67	6	.0	.8	.0	2.4	81	11.4	74	86	88	0	0	0	0	4	0	
MUSKINGON	76	60	86	54	68	1	4.2	3.7	2.3	4.9	249	15.3	111	94	93	0	0	0	0	4	2	
SAULT ST. MARIE	75	50	81	45	62	3	.2	.5	.1	2.0	76	12.0	85	93	93	0	0	0	0	2	0	
MN ALEXANDRIA	82	62	87	54	72	4	.4	.4	.3	1.3	38	7.4	64	96	89	0	0	0	0	2	0	
DULUTH	79	57	82	53	68	6	1.4	.5	.6	4.0	125	13.6	110	86	91	0	0	0	0	6	1	
INT'L FALLS	82	57	85	53	69	6	.7	.3	.5	2.8	86	7.3	74	93	80	0	0	0	0	3	0	
MINNEAPOLIS	84	63	88	59	74	4	.7	.9	.7	3.0	88	11.3	87	86	87	0	0	0	0	2	0	
ROCHESTER	81	61	85	56	71	2	.5	.4	.5	2.7	89	13.1	105	96	95	0	0	0	0	2	1	
MS GREENWOOD	91	72	94	67	82	1	.7	.9	.7	2.9	82	22.4	77	94	92	6	0	0	0	1	0	
JACKSON	87	69	91	66	78	-1	3.2	2.6	2.7	5.6	206	32.2	108	95	60	1	0	0	0	4	1	
MERIDIAN	88	71	92	69	80	0	2.0	1.1	.8	5.8	196	36.2	120	93	99	4	0	0	0	5	2	
MO CAPE GIRARDEAU	92	71	95	64	81	4	.4	.4	.3	2.2	73	20.9	88	94	87	6	0	0	0	3	0	
COLUMBIA	91	68	96	62	79	6	1.7	.8	1.4	2.9	87	21.2	117	94	92	3	0	0	0	3	1	
KANSAS CITY	89	67	94	60	78	3	.7	.3	.5	2.5	62	13.1	78	92	93	4	0	0	0	2	1	
SAINT LOUIS	92	73	97	64	83	5	1.2	.3	.6	2.0	64	18.9	105	85	84	6	0	0	0	3	2	
SPRINGFIELD	92	67	96	63	80	6	.7	-1.1	.7	3.3	74	24.6	119	90	84	5	0	0	0	1	0	
MT BILLINGS	87	59	94	57	73	6	.3	-1.1	.1	2.0	113	6.7	77	75	91	3	0	0	0	3	0	
GLASGOW	83	56	91	50	69	3	.7	-1.5	.7	2.2	121	5.9	113	87	95	1	0	0	0	0	0	
GREAT FALLS	84	52	90	43	68	5	.1	-1.5	.1	1.5	73	6.5	75	84	29	1	0	0	0	1	0	
HAVRE	83	54	88	44	69	3	1.2	.8	1.0	3.4	231	4.3	77	79	33	0	0	0	0	3	1	
HELENA	88	54	94	48	71	7	.7	.4	.7	.8	50	4.4	72	81	22	3	0	0	0	0	0	
KALISPELL	83	41	88	34	62	3	.7	-1.5	.7	1.7	89	6.6	77	90	23	0	0	0	0	0	0	
MILES CITY	88	61	97	58	75	6	.1	-1.6	.1	1.0	41	5.1	66	85	30	4	0	0	0	1	0	
MISSOULA	88	48	92	40	68	6	.7	-1.4	.7	1.4	88	7.5	102	86	21	4	0	0	0	1	0	
NE GRAND ISLAND	88	64	95	58	76	3	1.4	.6	1.0	3.9	117	9.6	75	92	50	3	0	0	0	2	1	
LINCOLN	87	66	94	61	77	2	2.0	1.1	1.6	4.1	124	8.5	64	94	49	3	0	0	0	4	1	
NORFOLK	88	65	96	57	77	5	1.0	.0	1.0	5.4	142	10.1	78	92	48	2	0	0	0	2	1	
NORTH PLATTE	88	60	93	56	74	4	.8	.0	.6	4.3	153	7.8	76	96	42	3	0	0	0	2	1	
OMAHA	88	67	96	62	77	3	4.8	4.0	4.3	9.1	278	14.5	103	95	94	3	0	0	0	4	1	
SCOTTSBLUFF	86	59	97	55	72	3	2.0	1.4	1.9	2.2	99	7.4	86	89	55	2	0	0	0	3	1	
VALENTINE	86	61	96	54	74	2	.7	-1.8	.7	.7	26	4.7	44	92	37	2	0	0	0	1	0	
NV ELY	90	47	95	42	68	7	.7	-1.2	.7	.7	0	5.4	104	84	12	3	0	0	0	0	0	
LAS VEGAS	107	78	112	74	92	5	.0	.0	.0	.0	0	.7	34	33	9	7	0	0	0	0	0	
RENO	92	53	93	51	72	5	.0	-1.1	.0	.0	0	3.1	72	84	13	5	0	0	0	0	0	
WINNEVOCCA	94	46	96	43	70	3	.0	-2.0	.0	.0	0	4.4	95	90	6	7	0	0	0	0	0	
NH CONCORD	76	58	87	55	67	1	.7	-1.1	.5	1.4	53	17.5	106	93	86	0	0	0	0	3	1	
NJ ATLANTIC CITY	88	63	96	57	76	5	.1	-1.6	.1	.5	25	23.0	120	93	85	4	0	0	0	1	0	
NM ALBUQUERQUE	96	66	105	63	81	5	.3	-1.1	.2	.3	61	3.1	108	95	16	7	0	0	0	3	0	
CLOVIS	94	64	104	63	79	5	.7	-1.7	.7	.9	38	5.4	83	71	21	4	0	0	0	0	0	
ROSWELL	99	67	110	65	83	4	.0	-1.4	.0	.1	8	5.0	126	93	16	7	0	0	0	0	0	
NY ALBANY	78	60	88	55	69	1	.6	-1.2	.3	2.9	94	18.9	111	89	49	0	0	0	0	3	0	
BINGHAMTON	78	60	83	57	69	3	.9	-1.1	.9	3.9	128	19.8	116	87	97	0	0	0	0	2	1	
BUFFALO	82	62	89	60	72	4	2.9	2.1	2.7	3.6	120	18.1	108	88	49	0	0	0	0	4	1	
NEW YORK	86	69	97	65	78	5	.8	.0	.7	1.3	43	21.9	109	85	47	2	0	0	0	3	1	
ROCHESTER	80	60	87	56	70	3	1.6	.9	1.5	1.9	77	14.6	116	85	51	0	0	0	0	2	1	
SYRACUSE	80	60	87	56	70	3	.7	-1.2	.7	1.0	30	19.7	116	85	49	0	0	0	0	2	1	
NC ASHEVILLE	85	64	88	59	75	3	.7	-1.1	.7	2.3	57	25.4	94	98	53	0	0	0	0	3	0	
CHARLOTTE	92	72	95	69	82	4	.1	-1.6	.1	2.5	89	17.4	82	85	46	5	0	0	0	2	0	
GREENSBORO	90	69	94	64	79	5	.7	-1.2	.4	2.1	66	16.4	81	93	47	5	0	0	0	2	0	
HATTERAS	89	72	92	67	81	5	.6	-1.4	.6	1.5	45	25.0	101	96	63	4	0	0	0	1	0	
NEW BERN	95	71	98	67	83	6	.1	-1.2	.1	.8	18	17.8	72	97	46	7	0	0	0	2	0	
RALEIGH	92	69	95	67	80	5	.3	-1.6	.2	1.7	55	17.8	87	93	54	5	0	0	0	3	0	
WILMINGTON	92	72	98	68	82	5	.8	-1.5	.3	2.3	57	24.3	99	97	51	5	0	0	0	4	0	
ND BISMARCK	85	56	93	47	71	4	.7	-1.6	.7	3.2	143	6.5	84	95	46	1	0	0	0	1	0	
FARGO	85	62	90	58	73	6	1.0	.3	.9	2.1	90	7.8	88	87	45	1	0	0	0	4	1	
GRAND FORKS	82	60	86	57	71	5	2.1	1.4	1.2	5.1	218	9.2	117	94	47	0	0	0	0	4	2	
WILLISTON	80	53	86	46	66	0	.1	-1.5	.1	3.7	198	9.9	145	94	49	0	0	0	0	1	0	
OH AKRON-CANTON	85	63	94	59	74	4	1.7	.9	.8	2.1	79	20.0	117	96	49	2	0	0	0	6	1	
CINCINNATI	91	67	96	59	79	7	.8	-1.1	.4	2.0	64	17.7	85	91	51	5	0	0	0	4	0	
CLEVELAND	85	64	91	58	74	5	1.9	1.1	1.1	2.1	68	12.2	72	92	51	2	0	0	0	4	1	
COLUMBUS	89	67	98	60	78	8	.6	-1.3	.3	.6	20	13.3	74	93	46	4	0	0	0	4	0	
DAYTON	90	66	98	58	78	6	1.1	.2	.4	1.8	56	17.1	94	89	45	4	0	0	0	5	0	

Based on 1961-90 normals.

Weather Data for the Week Ending June 25, 1994

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION								RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS				
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	TOTAL, IN., SINCE Jun 1	PCT. NORMAL SINCE Jun 1	AVERAGE	MAXIMUM	AVERAGE	MINIMUM	TEMP. °F		PRECIP.	
																		90 AND ABOVE	82 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
TOLEDO	84	64	93	56	74	4	3.1	2.3	1.6	3.2	103	15.9	105	93	53	3	0	3	0	3	0
YOUNGSTOWN	85	61	94	52	73	6	.7	-.3	.3	1.1	35	17.1	100	92	49	2	0	2	0	0	0
OK OKLAHOMA CITY	94	67	101	64	81	3	2	2	2	.9	19	12.7	74	91	38	6	0	0	0	0	0
TOLSA	93	70	100	65	82	3	2	2	2	-1.0	72	18.4	91	89	44	7	0	0	0	0	0
OR ASTORIA	65	51	69	44	58	0	0	0	0	.5	2.2	106	33.7	98	94	69	0	0	1	0	0
BURNS	86	44	90	38	65	5	.0	-.2	.0	.5	68	2.9	57	63	13	2	0	0	0	0	0
MEDFORD	85	51	90	43	68	0	.0	-.1	.0	.1	23	4.9	54	90	24	1	0	0	0	0	0
PENDLETON	85	53	93	43	69	1	1	1	1	.8	139	7.6	118	75	21	2	0	1	0	0	0
PORTLAND	77	53	84	47	65	0	0	0	0	1.6	124	14.4	78	88	39	0	0	0	0	0	0
SALEM	79	48	85	41	64	1	.0	-.3	.0	1.2	99	16.0	80	85	39	0	0	0	0	0	0
PA ALLENTOWN	88	66	96	60	77	6	1.7	-.2	.6	2.8	89	23.0	114	87	48	2	0	2	1	1	1
ERIE	81	62	86	58	71	3	1.0	.0	.9	3.8	110	17.6	100	90	53	0	0	3	1	1	1
HARRISBURG	91	70	98	62	80	8	2	2	2	.9	1.4	44	22.3	112	85	42	5	0	0	0	0
PHILADELPHIA	93	71	100	68	82	10	2	2	2	-1.0	2	29	21.6	99	86	44	5	0	2	0	0
PITTSBURGH	88	66	97	59	77	8	1.2	-.4	.7	1.6	52	18.9	104	90	48	3	0	6	1	1	1
SCRANTON	82	62	89	57	72	3	.7	-.2	.3	2.4	73	18.3	109	94	47	0	0	3	0	0	0
RI PROVIDENCE	80	63	93	61	71	2	2	2	2	.8	2.2	79	22.2	100	92	61	1	0	1	0	0
SC CHARLESTON	92	72	95	68	82	3	.9	-.7	.5	6.3	119	22.1	96	92	51	5	0	4	1	1	1
COLUMBIA	94	71	98	67	83	4	.2	-1.0	.2	5.5	140	20.5	85	84	41	6	0	1	0	0	0
FLORENCE	95	72	99	67	84	5	.3	-.8	.2	2.0	55	17.2	83	92	40	7	0	3	0	0	0
GREENVILLE	89	68	93	66	79	3	.9	-.3	.9	7.7	194	23.9	91	91	49	5	0	1	1	1	1
SD ABERDEEN	89	62	91	55	75	7	.9	-.8	.9	1.1	39	5.4	55	91	38	3	0	0	0	0	0
MURDOCK	83	62	88	56	73	3	1.0	-.2	.5	3.1	182	11.4	109	95	81	0	0	3	1	1	1
RAPID CITY	86	59	94	55	73	6	.2	-.2	.2	2.6	26	4.9	53	84	34	2	0	2	0	0	0
SIOUX FALLS	85	64	92	60	75	5	2.7	2.0	2.6	6.0	211	12.4	111	93	50	1	0	4	1	1	1
TN CHATTANOOGA	89	68	94	63	79	3	.3	-.6	.1	3.3	114	37.1	136	95	49	4	0	3	0	0	0
KNOXVILLE	88	68	91	64	78	3	.5	-.4	.4	4.1	126	42.8	175	95	53	3	0	3	0	0	0
MEMPHIS	92	74	96	71	83	3	.6	-.4	.6	4.5	151	28.3	105	85	48	6	0	2	1	1	1
NASHVILLE	89	70	95	63	80	3	2.1	1.3	1.4	4.7	157	32.3	132	88	54	4	0	4	1	1	1
TX ABILENE	96	71	104	67	83	2	.0	-.6	.0	0	14.4	133	90	31	7	0	0	0	0	0	0
AMARILLO	96	64	107	60	80	4	.3	-.6	.3	1.1	35	5.9	69	77	23	6	0	2	0	0	0
AUSTIN	96	73	101	70	85	2	.4	-.4	.3	.7	23	11.4	79	94	43	7	0	3	0	0	0
BRAUNSVILLE	91	73	93	71	82	1	2.4	1.1	1.1	8.4	179	34.6	137	96	61	6	0	4	2	2	2
BROWNVILLE	92	76	93	75	84	0	1.2	.6	.9	3.3	142	9.6	96	96	54	5	0	2	1	1	1
CORPUS CHRISTI	92	74	97	72	83	1	1.4	.6	1.4	3.4	118	15.1	120	99	55	5	0	1	1	1	1
DEL RIO	100	74	106	69	87	4	.0	-.6	.0	0	9.6	83	88	41	7	0	0	0	0	0	0
EL PASO	101	74	111	71	88	6	2	2	2	.7	134	2.8	130	41	18	7	0	0	0	0	0
FORT WORTH	97	73	103	71	85	5	2	2	2	.7	1.4	48	15.9	83	93	42	3	0	4	2	2
GALVESTON	88	76	90	74	82	0	3.2	2.2	1.3	4.1	111	13.3	76	91	66	3	0	4	2	2	2
HOUSTON	93	72	96	70	82	1	1.8	.4	1.0	3.4	66	17.8	73	97	59	6	0	3	2	2	2
LUBBOCK	96	67	108	63	83	4	2	.6	2	.3	15	8.1	107	93	20	7	0	0	0	0	0
MIDLAND	99	68	109	65	83	3	2	.3	2	1.0	84	3.4	60	93	20	7	0	1	0	0	0
SAN ANGELO	98	69	105	65	83	3	.3	-.2	.3	1.0	51	7.4	78	92	29	7	0	4	0	0	0
SAN ANTONIO	96	72	102	68	84	1	.7	-.1	.3	1.7	51	18.2	121	92	43	7	0	4	0	0	0
VICTORIA	93	75	98	73	84	3	2.8	1.8	2.3	5.5	142	19.0	97	95	55	6	0	3	1	1	1
WACO	95	71	99	66	83	0	.7	.1	.5	2.0	69	18.3	110	95	45	7	0	2	1	1	1
WICHITA FALLS	98	69	106	66	83	3	2	.8	2	2	0	6.2	38	92	35	7	0	0	0	0	0
UT CEDAR CITY	91	59	98	53	75	6	.1	.0	.1	.1	30	4.0	76	45	13	5	0	1	0	0	0
SALT LAKE CITY	96	67	102	61	81	10	2	2	2	2	0	7.7	86	71	18	6	0	0	0	0	0
VT BURLINGTON	78	59	86	54	69	2	.7	-.2	.4	3.2	111	17.5	121	87	43	0	0	4	0	0	0
VA NORFOLK	93	76	96	74	84	9	2	.9	2	.6	18	22.7	109	84	47	6	0	1	0	0	0
RICHMOND	95	71	97	69	83	7	.2	-.7	.1	.6	20	21.2	107	86	20	7	0	2	0	0	0
ROANOKE	90	67	95	62	78	6	.8	.0	.6	1.3	49	24.1	127	92	45	4	0	4	1	1	1
WA QUILLAYUTE	65	49	73	41	57	1	.1	-.5	.1	4.0	147	53.2	98	95	65	0	0	2	0	0	0
SEATTLE-TACOMA	73	53	78	51	63	1	2	-.3	2	1.3	97	15.1	83	87	40	0	0	0	0	0	0
SPOKANE	84	49	92	42	67	3	.0	-.3	.0	.6	59	5.9	68	86	20	2	0	0	0	0	0
YAKIMA	86	50	95	38	68	2	.2	.0	.2	.6	133	4.2	103	85	25	3	0	1	0	0	0
WV BECKLEY	82	62	87	59	72	5	.3	-.6	.1	3.0	94	27.4	138	94	56	0	0	4	0	0	0
CHARLESTON	89	67	93	63	78	5	1.5	.7	1.2	3.5	118	30.9	157	97	55	3	0	4	1	1	1
HUNTINGTON	91	67	98	64	79	8	1.0	.2	.5	1.4	48	26.6	132	90	46	5	0	4	1	1	1
PARKERSBURG	89	67	96	62	78	6	.9	.0	.8	1.4	46	26.0	128	97	51	3	0	2	1	1	1
WI GREEN BAY	81	62	87	55	71	5	.1	-.7	.0	1.7	59	13.0	106	87	53	0	0	2	0	0	0
LACROSSE	84	63	89	59	74	4	-.1	-.1	-.1	-.1	-.1	-.1	-.1	96	47	0	0	0	0	0	0
MADISON	85	62	90	56	73	4	3.1	2.3	2.2	4.6	149	13.2	95	92	51	1	0	5	2	2	2
MILWAUKEE	82	63	91	59	72	5	2.0	1.2	1.1	2.5	95	12.5	85	87	49	2	0	4	2	2	2
MAUSAU	83	61	87	55	72	6	.1	-.9	.0	1.2	34	8.3	61	88	39	0	0	2	0	0	0
WY CASPER	89	55	96	51	72	7	.2	-.1	.1	.2	18	3.1	45	87	26	5	0	2	0	0	0
CHEYENNE	81	56	89	49	68	5	.4	-.1	.3	1.4	83	7.0	96	88	42	0	0	5	0	0	0
LANDER	87	56	93	49	71	6	.1	-.2	.1	.3	23	4.7	59	63	19	3	0	1	0	0	0
SHERIDAN	85	57	92	51	71	7	2	-.5	2	1.6	82	7.7	92	76	35	2	0	1	0	0	0

Based on 1961-90 normals.

National Agricultural Summary

June 20 - 26, 1994

HIGHLIGHTS: The heat wave continued across the southern High Plains, stressing non-irrigated field crops. Late in the week, some of the hottest days ever recorded in the Southwest wilted field crops and slowed some crop development. The crops in California felt the heat, but irrigation lessened the effect and allowed rice to develop ahead of last year, while cotton development lagged a week behind last year. Much-needed rainfall advanced growth and crop development in the Midwest and parts of the Southeastern States. The wheat harvest progressed quickly in the central Great Plains until the rains arrived at mid-week, slowing the combines. The late-week heat dried fields, allowing the harvest to resume. Beneficial rains in the Ohio Valley promoted plant growth for field crops, but interrupted the winter wheat harvest. Most of the winter wheat across the central Great Plains was ripe and ready for harvest.

SMALL GRAINS: The winter wheat crop condition was mostly good, up from last week but below last year's rating. Winter wheat harvested was 41 percent(%) complete, 8 percentage points ahead of the 5-year average. The wheat harvest was helped by the hot, dry weather in parts of the Nation. The wheat harvest in Texas advanced 22 points to 66 percent complete despite wet and humid conditions in the Blacklands. Winter wheat harvested increased 35 points from last week in Kansas to 60% complete, 25 points ahead of the average.

Spring wheat was 32% headed, 3 points behind the average and the condition was mostly good.

FIELD CROPS: Corn condition was mostly good, up from last week and the previous year. Warm weather and precipitation in the middle Mississippi and Ohio Valleys improved the corn condition. The average corn height ranged from 19 inches for North Dakota to 39 inches for Iowa. Illinois producers reported corn leaves rolling. Application of post-emergent herbicides was applied to many no-till fields for weed control in Indiana.

Cotton squaring for the 14 major producing States was 56% complete, up 17 points from last week and 15 points ahead of normal. Cotton setting bolls was 11% for the major producing States, 4 points ahead of the average. Mississippi cotton

squaring was 33 points ahead of the average, while North Carolina and Oklahoma were 1 point behind the average. The high temperatures in the Southwest had mixed results on cotton development as Arizona was ahead of the average for cotton squaring but behind the average for cotton setting bolls. Some cotton fields in the Texas plains were beginning to show signs of stress from the high temperatures, but setting bolls was 5 points ahead of the average.

Sorghum condition was good to fair with South Dakota and Colorado's condition up from the previous week. Sorghum planting in the Texas plains was delayed for lack of moisture, while in the Coastal Bend region of Texas, some harvesting was beginning.

Rice condition was mostly good and up from last week, with most of the increase coming from Mississippi. At the national level, rice condition was up sharply from last year at this time. Louisiana reported blast and sheath in some parishes. California rice fields were sprayed for weeds with growth ahead of last year. Rice headed was 32% in Louisiana, 12 points ahead of the average.

Soybean condition was mostly good, up slightly from last week, and blooming was 2% complete, equal to the average. The average height of early-planted soybeans in Kentucky was 5 inches, compared with 9 inches for Indiana.

CORRECTION: In last week's *Bulletin*, Idaho's agricultural text was incorrect. It is reprinted in its entirety below: "IDAHO: Frost hit early last week. Slowed development of potatoes. Damage to grains has not been determined yet. Days suitable for fieldwork 6. Soil moisture 2% very short, 31% short, 67% adequate, 0% surplus. Potatoes emerged 95%, 72% 1993, 79% average. Potato progress: not yet 12 inches high 64%, 12 inches high 27%, closing middles 9%. Barley headed 31%. Oats emerged 98%, 95% 1993, 97% average. Sugarbeets thinned 97%, 68% 1993, 84% average. Field corn emerged 98%, 95% 1993, 94% average. Dry beans planted 98%, 89% 1993, 92% average. Dry beans emerged 82%, 63% 1993, 62% average. Alfalfa hay harvested (first cutting) 73%, 47% 1993, 50% average. Irrigation water supplies 4% very poor, 16% poor, 26% fair, 49% good, 5% excellent. Activities: irrigating, cutting alfalfa, insect control, harvesting cherries."

Crop Condition

for the Week Ending June 26, 1994

WINTER WHEAT

State	VP	P	F	G	EX
AR	0	0	33	56	11
CA	0	0	10	85	5
CO	4	17	37	34	8
GA	0	12	25	45	18
ID	1	2	13	70	14
IL	0	4	27	63	6
IN	0	4	26	64	6
KS	0	1	36	59	4
MI	1	9	30	50	10
MO	2	3	54	41	0
MT	1	3	22	47	27
NE	0	19	61	20	0
NC	0	0	16	74	10
OH	1	6	34	54	5
OK	8	12	45	35	0
OR	2	8	30	46	14
SD	0	7	22	61	10
TX	5	23	54	18	0
WA	0	14	32	50	4
19 State	2	9	38	46	5
Prev Week	3	10	46	38	3
Prev Year	2	3	28	56	11

CORN

State	VP	P	F	G	EX
CO	1	1	24	64	10
GA	0	0	9	75	16
IL	0	0	10	78	12
IN	1	7	46	40	6
IA	0	1	4	56	39
KS	0	1	28	68	3
KY	0	3	34	57	6
MI	1	4	30	50	15
MN	0	2	10	66	22
MO	0	3	41	55	1
NE	0	0	15	65	20
NC	1	8	29	58	4
OH	4	15	41	36	4
PA	1	5	32	52	10
SD	0	4	11	71	14
TX	0	0	18	66	16
WI	0	1	10	71	18
17 State	0	3	18	61	18
Prev Week	0	2	21	67	10
Prev Year	1	6	36	51	6

COTTON

State	VP	P	F	G	EX
AL	0	0	34	56	10
AZ	0	0	13	74	13
AR	0	0	13	87	0
CA	0	0	10	85	5
GA	0	0	9	76	15
LA	0	0	21	64	15
MS	0	0	9	65	26
MO	0	0	36	64	0
NM	0	0	31	69	0
NC	0	0	31	67	2
OK	0	0	35	65	0
SC	0	11	66	23	0
TN	0	0	16	76	8
TX	0	1	35	48	16
14 State	0	1	25	61	13
Prev Week	0	3	29	61	7
Prev Year	1	3	36	59	1

SORGHUM

State	VP	P	F	G	EX
AR	0	0	10	87	3
CO	0	3	30	58	9
IL	0	0	19	81	0
KS	0	0	44	56	0
LA	0	4	47	45	4
MS	0	0	25	64	11
MO	0	4	49	46	1
NE	0	0	21	73	6
NM	0	0	68	32	0
OK	0	0	20	79	1
SD	0	1	16	82	1
TX	0	1	19	61	19
12 State	0	1	30	61	8
Prev Week	0	1	33	63	3
Prev Year	2	4	26	56	12

SOYBEANS

State	VP	P	F	G	EX
AL	0	0	20	71	9
AR	0	0	27	73	0
GA	0	0	15	76	9
IL	0	0	19	76	5
IN	2	5	54	37	2
IA	0	0	9	72	19
KS	0	0	21	79	0
KY	0	1	35	59	5
LA	0	6	32	57	5
MI	3	7	30	45	15
MN	0	3	14	70	13
MS	0	0	29	38	33
MO	1	3	42	53	1
NE	0	0	19	78	3
NC	0	1	29	67	3
OH	3	12	40	40	5
SC	4	5	49	42	0
SD	0	5	11	77	7
TN	0	5	12	78	5
19 State	1	3	25	63	8
Prev Week	0	3	29	63	5
Prev Year	1	7	38	50	4

SPRING WHEAT

State	VP	P	F	G	EX
ID	1	3	15	66	15
MN	1	3	22	67	7
MT	1	4	19	50	26
ND	0	4	19	66	11
SD	0	13	34	49	4
5 State	0	5	21	62	12
Prev Week	0	4	23	64	9
Prev Year	0	2	10	75	13

RICE

State	VP	P	F	G	EX
AR	0	0	0	94	6
CA	0	0	15	75	10
LA	0	0	39	58	3
MS	0	0	19	51	30
TX	0	0	0	76	24
5 State	0	0	2	91	7
Prev Week	0	0	7	90	3
Prev Year	0	0	41	55	4

VP - Very Poor P - Poor F - Fair
G - Good EX - Excellent

(Continued from front cover)

More than 4 inches pelted Rockford, IL and Muskegon, MI. Totals topped 3 inches at locations such as Lansing, MI, Toledo, OH, Madison, WI, and Flint, MI. Heavy rain also fell in the western Corn Belt and along the Gulf coast. Waterloo, IA netted 3.49 inches, and Sioux Falls, SD measured 2.74 inches. In the Gulf Coast States, higher totals included 3.32 inches in New Orleans, LA, 3.24 inches in Jackson, MS, 3.23 inches in Galveston, TX, 2.77 inches in Tallahassee, FL, and 2.67 inches in Mobile, AL. Farther west, Kalispell, MT opened the week with a daily record low (34°F), but by Monday heat shifted westward, as Pocatello,

ID noted a daily record high (99°F). The formidable ridge eventually settled across the Southwest, where an intense heat wave began on Friday, tying or eclipsing nearly three dozen daily records during its first 2 days. On Saturday, a high of 105°F in Albuquerque, NM tied an all-time record, last reached on July 18, 1980. (The record was broken at Albuquerque on June 26, with 107°F.) In Texas, readings of 107°F at Amarillo and 111°F at El Paso were within 1°F of all-time records. (El Paso reached 112°F on June 26.) Death Valley, CA reported a high on Saturday of 124°F, followed by a minimum temperature on Sunday (June 26) of 102°F.

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by NASS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall 0.20 to 3.98 in. north; 0.06 to 3.11 in. central; 1.54 to 5.51 in. south. Temperatures 4° below normal to 2° above normal statewide. Lows 58 to 66° north; 59 to 68° central; 64 to 71° south. Highs 89 to 95° north; 88 to 93° central; 87 to 92° south.

Days suitable for fieldwork 4.6. Soil moisture 6% short, 74% adequate, 20% surplus. Corn silked 49%, 41% 1993, 64% avg.; dented 12%, 6% 1993, 8% avg.; 27% fair, 62% good, 11% excellent. Sorghum planted 78%, 70% 1993, 84% avg.; 30% fair, 67% good, 3% excellent. Peanuts pegged 14%, 9% 1993, 31% avg.; 11% fair, 89% good. Wheat harvested 64%, 74% 1993, 81% avg. Hay first cutting 93%, 90% 1993, 90% avg. Pasture 16% fair, 69% good, 15% excellent. Livestock 12% fair, 77% good, 11% excellent. Seasonal activities: Planting sorghum, soybeans, vegetables, controlling weeds, insects.

ALASKA: Weather and crop data unavailable.

ARIZONA: Summertime heat wave continues. Temperatures 2° below to 7° above normal. Extremes 43°; 108° higher elevations, 66°; 118° deserts. Scattered rain, mostly eastern areas; trace to 0.93 in.

Cotton good; planted to date 100%, 100% 1993, 100% avg.; squaring 96%, 88% 1993, 89% avg.; setting bolls 38%, 41% 1993, 45% avg. Weed infestations light; insect, disease infestations moderate. Small grains harvested 93%, 95% 1993, 93% avg. Condition remaining crop good. Alfalfa condition improved to good to excellent. Harvest active. Weed infestations, insect, disease infestations light to moderate. Citrus harvest near complete; limited volume grapefruit, valencia oranges. Grape harvest continued central, western vineyards. Vegetables harvested from central areas included cabbage, carrots, dry onions, green onions, potatoes, sweet corn. Melon harvest near complete western area, steady central area. Cantaloupe, honeydew, watermelons available both areas. Tomatoes available eastern areas.

ARKANSAS: Temperatures above normal with scattered showers. Extreme 58°; 100°. Precipitation 0.02 to 2.98 in.

Days suitable for fieldwork 6. Soil moisture 20% short, 76% adequate, 4% surplus. Crop development ahead of schedule. Cotton 100% emerged, 100% 1993, 100% avg. Sunflowers in good condition. Peaches, blueberries, tomatoes, mostly good. Peach, blueberry, blackberry harvests ongoing. Hay harvest continuing. Alfalfa 28% fair, 72% good. Other hay 33% fair, 67% good. Pasture 28% fair, 69% good, 3% excellent. Livestock good.

CALIFORNIA: Past week's weather was controlled by two features: high pressure over the desert southwest, an upper level, cut off, low pressure system over the eastern Pacific. Temperatures rose from near normal at the beginning of the week to well above normal temperatures 24th over most of State, felt mostly in southern areas, as the low pressure system moved north, inland over the Pacific Northwest. Highs in downtown Los Angeles were as much as 15° above the daily normal high on both 24th, 25th. Occasional intrusions of marine air into the coastal valleys of northern, central areas, into the lower Sacramento, upper San Joaquin valley kept temperatures down to near normal.

Field activities good progress, open weather prevailed. Wheat, barley harvests active most areas; straw baling, ground preparation second crop seedings followed harvest. Rice treated weeds; growth, development ahead of last year. Cotton good growth, progress nearly one week behind normal. Fields irrigated, sprayed lygus, mites, whitefly. Grain corn, silage corn planted; emerged fields treated mites, weeds, worms. Safflower irrigated, sprayed lygus. Seed alfalfa blooming; treatments lygus, mites ongoing. Dry beans sprayed insects, mites. Alfalfa, small grains, forage mixes cut hay, greenchopped. Peach, plum, nectarine, apricot, table grape, Valencia orange, grapefruit harvest continued. Grape harvest began; Kern County. Orchards and vineyards treated for variety of pests. Avocado harvest neared completion; Riverside County. Asparagus supplies light harvest winding down Delta area. Broccoli, Cauliflower light harvest central valley. Carrots packed Kern County. Celery harvested south coast. Cucumbers harvested Fresno, Merced counties, while harvest tapering down Tulare County. Harvest head lettuce central valley. Romaine lettuce good movement San Joaquin Valley. Leaf lettuce moderate movement. Cantaloupes, honeydews, watermelons harvested San Joaquin, Desert valleys. Planting melons Sutter County. Onion harvest winding down Merced County, while continued Tulare County. Peppers harvested Fresno, Tulare counties, while peppers planted Merced County. Rail car shortage Kern County slowing movement spring potatoes. Fall potato planting completed Tulelake-Butte Valley. Squash harvest completed Tulare County, while continues Fresno County. Harvest sweet corn continues desert, central valleys. Fresh market tomato harvest San Joaquin Valley underway. Other crops being harvested: radishes, string beans, turnips, taro root, tomatoes, oriental vegetables. Rangeland, pastures drying due to hot

weather. Quality of feed on lower rangelands reported fair, supplemental feeding becoming active. Cattle doing well, mid to upper ranges. Livestock movement to summer pastures continued as lower range conditions deteriorated. Water, feed supplies adequate. Cattle, sheep in good condition.

COLORADO: Cool, moist weather at the beginning of the week was followed by dry, hot conditions for the latter part. After scattered thunderstorms, isolated rain, high pressure built back into the State on the 24th. Weekend temperatures reached 100 to 106° statewide. New record high temperatures were set. Temperatures across State 2 to 6° above normal.

Days suitable for fieldwork 5.5. Soil moisture 15% very short, 36% short, 45% adequate, 4% surplus. Alfalfa first cutting 76% complete, 68% 1993, 63% avg.; second cutting 5% complete, 2% 1993, 4% avg. Spring barley 61% headed, 58% 1993, 54% avg.; 10% turning color, 14% 1993, 15% avg.; 18% poor, 17% fair, 52% good, 13% excellent. Dry beans 99% planted, 95% 1993, 93% avg.; 87% emerged, 72% 1993, 69% avg. Oats 60% headed, 53% 1993, 58% avg.; 24% turning color, 11% 1993, 9% avg.; 13% poor, 45% fair, 38% good, 4% excellent. Dry onions 1% very poor, 4% poor, 23% fair, 65% good, 7% excellent. Sugarbeets 96% thinned, 96% 1993, 94% avg.; 6% poor, 51% fair, 40% good, 3% excellent. Spring wheat 50% headed, 22% 1993, 30% avg.; 1% very poor, 11% poor, 23% fair, 53% good, 12% excellent. Summer potatoes 2% very poor, 2% poor, 32% fair, 61% good, 3% excellent. Fall potatoes 97% emerged, 95% 1993, 86% avg.; 8% poor, 23% fair, 54% good, 15% excellent. Winter wheat 91% turning color, 74% 1993, 69% avg.; 27% ripe, 5% 1993, 6% avg. Small grain crop maturity well ahead of averages. Some scattered rain not enough to help some crops, too late for winter wheat. Non-irrigated crops stressed from hot dry weather. Livestock mostly good. Pasture, range feed condition fair to poor, especially in east-central, northeast Plains where condition is mostly poor.

FLORIDA: Temperatures 2° below normal northwest, to 2° above normal Peninsula. Scattered to numerous showers, thunderstorms daily, averaging 0.50 in. daily with local totals exceeding 1 inch. Highs; upper 80s to low 90s. Lows; upper 60s to upper 70s.

Soil moisture mostly adequate to surplus Panhandle, north Peninsula. Central, southern Peninsula adequate moisture with scattered areas surplus. Soybean planting delayed by wet conditions. Peanut, cotton virtually complete. Tobacco harvest active. Sugarcane making good progress. Corn in some areas damaged by rain. Abundant rain most citrus areas, irrigation stopped. Lots of new foliage, very good fruit growth due to recent rains. Valencia harvest slowing. Grapefruit harvest all but over. Caretakers cutting cover crops, hedging, topping, spraying, fertilizing. Crop conditions fair to good in northern vegetable production area. Harvest of watermelons slowed by rain. Season complete for most crops. Leading vegetable shipments: Watermelon, sweet corn, tomatoes, potatoes. Also available: Eggplant, okra, cherry tomatoes. Pasture feed 10% fair, 75% good, 15% excellent. Cattle herds fair to excellent condition.

GEORGIA: Temperatures 1 to 4° above normal north, southeast, 1 to 3° below normal southwest. Warmest mostly low to mid 90s. Coolest 60s, except some upper 50s mountains. Rain 2 to 6 days, most stations' rainfall 1.00 to 5.00 in. Some locations less than 1.00 in., others in north between 5.00 to 6.00 in.

Days suitable for fieldwork 4.7. Soil moisture 1% very short, 20% short, 59% adequate, 20% surplus. Corn 95% silked, 71% 1993, 85% avg.; 71% dough, 29% 1993, 46% avg.; 27% dent, 9% 1993, 14% avg.; scattered showers beneficial. Sorghum 9% fair, 88% good, 3% excellent; 95% planted, 84% 1993, 90% avg. Peanuts 4% fair, 75% good, 21% excellent; 88% blooming, 79% 1993, 79% avg.; 46% pegging, 29% 1993, 34% avg.; conditions improved, applying fungicides, herbicides. Soybeans 91% planted, 81% 1993, 83% avg. Tobacco 12% fair, 71% good, 17% excellent; 11% harvested, 3% 1993, 8% avg. Watermelons 1% poor, 33% fair, 59% good, 7% excellent; 41% harvested, 6% 1993, 17% avg. Other vegetables 19% fair, 70% good, 11% excellent. Apples 10% very poor, 26% fair, 64% good. Peaches 5% fair, 95% good; 72% harvested, 50% 1993, 62% avg. Hay, pastures fair to mostly good. Cattle, hogs good.

HAWAII: Variable weather during week. Mostly sunny early part of week. Light showers on all islands, but heavy some sectors, as remnants of tropical storm Aletta brought showers to the State over weekend. Humid conditions over weekend. High pressure system north of the islands produced trade winds in 10 to 25 mph range. Temperatures continued moderate in the low 70s to high 80s. Rainfall none to 3.90 in.

Weather favorable for crop progress. Although wet in some areas, still mostly dry, necessitating irrigation. Regular spray programs kept insects, disease under control. Sugar harvesting active all islands. Pineapple harvesting increasing. Papaya production heavy.

IDAHO: Temperatures up to 10° above normal. Many areas recorded highs over 100°. Extreme high 108° Hagerman. Precipitation none to 0.07 in. north,

none southwest, none south-central, none to 0.23 in. east. Weather has been hot, dry for the entire State.

Days suitable for fieldwork 7. Soil moisture 10% very short, 29% short, 61% adequate. Crop progress is ahead of average. Some winter wheat, barley are turning color in the warmer areas of the State. Potatoes emerged 99%, 90% 1993, 93% avg.; not yet 12" high 48%, 12" high 38%, closing middles 14%. Barley headed 41%. Oats emerged 99%, 98% 1993, 99% avg. Sugarbeets thinned 99%, 86% 1993, 97% avg. Field corn emerged 99%, 99% 1993, 98% avg. Dry beans planted 99%, 96% 1993, 98% avg.; emerged 94%, 72% 1993, 87% avg. Alfalfa hay harvested (1st cutting) 85%, 66% 1993, 67% avg. Irrigation water supplies 4% very poor, 16% poor, 31% fair, 45% good, 4% excellent. Activities: Irrigating, cultivating, cutting alfalfa, insect, disease control, harvesting cherries.

ILLINOIS: Heat wave broke late in week as low pressure moved from central Plains eastward across Ohio Valley. High temperatures routinely in 90s much of week before cooling to 70s to 80s to start weekend. Humid air made heat even more oppressive. Low also brought rain to most of State, although some storms severe with hail, strong winds, heavy downpours. Week averaged 0 to 5" above normal. Most of State had at least 1.00 in. of rain. Some areas picked up over 4.00 in. Most of rain fell 23rd to 24th.

Days suitable for fieldwork 5.25. Soil moisture 42% short, 55% adequate, 3% surplus. Corn, average height 36 in., 19 in. 1993, 30 in. avg.; most advanced height 55 in., 33 in. 1993, 45 in. avg. Soybeans full stand 89%, 81% 1993, 73% 1992, 86% 1991. Wheat turning yellow 98%, 92% 1993, 94% avg.; ripe 62%, 41% 1993, 59% avg. Oats headed 96%, 57% 1993, 85% avg.; filled 67%, 25% 1993, 54% avg.; turning yellow 16%, 5% 1993, 18% avg.; 2% excellent, 71% good, 26% fair, 1% poor. Alfalfa hay second cutting 22%, 13% 1993, 22% avg.; 8% excellent, 68% good, 23% fair, 1% poor. Red clover hay cut 94%, 79% 1993, 75% avg. Pasture feed 85% of normal. Crop prospects improved. Soil moisture mostly short in east central portion, southern fourth of State. Corn leaves rolling, growth of soybeans slow, in areas that received little rain due to extreme temperatures during last two weeks. Weed control a problem in many areas where herbicides did not activate due to dry weather. Wheat harvest in full swing in far southern areas of State followed by planting of double crop soybeans. Farm activities included herbicide, insecticide application, cultivation, some side dressing of anhydrous, cutting, baling hay, and mowing weeds.

INDIANA: Beneficial rains arrived in State the past 7 days. A few storms produced hail, damaging wind, flooding. High temperatures averaged from low to mid 80s to around 90°, which was mostly normal to 4° above normal. Lows averaged in the lower 60s to 70°, which was 1 to 5° above normal. Highest readings were in the upper 80s, 90s. Rainfall around 1.30 to 3.00 in. except for 3.00 to 7.00 inch amounts in the far north. Rainfall was mostly above normal across much of State.

Days suitable for fieldwork 6. The above normal temperatures at the beginning of the week added stress to soil moisture, crops, livestock, until rain, cooler temperatures arrived over the weekend. Post-emergent herbicides are being applied to many no-till fields that had less than adequate weed control. Heat continued to slow livestock growth, reduce milk production, force farmers to feed hay to their livestock. Farmers were busy cultivating, spraying, applying anhydrous, harvesting wheat, planting double crop soybeans, hauling grain and caring for livestock. Pastures drying, fair to poor. Pastures feed 74% of normal, 79% last week. Topsoil 59% short, 36% adequate, 5% surplus. Subsoil moisture 53% short, 46% adequate, 1% surplus. Corn 33 in. high, 20 in. 1993, 27 in. avg. Soybeans 9 in. high, 6 in. 1993, 7 in. avg. Oats headed 93%, 78% avg. Alfalfa 2nd cutting 25%, 22% avg. Tobacco set 99%, 99% 1993, 76% avg.

IOWA: Temperatures 1 to 2° above normal. Extremes 53°; 94°. Very wet with widespread heavy rains at midweek. Rainfall 0.59 in. west central up to 6.45 in. northwest; average 2.37 in. normal 1.03 in.

Days suitable for fieldwork 2.9. Topsoil 63% adequate, 37% surplus. Subsoil 83% adequate, 17% surplus. Corn height 39". Tallest corn 53". Soybeans replanted 3%. Oats turning color 36%, 1% 1993, 13% avg. Alfalfa hay 1st crop harvested 94%, 48% 1993, 81% avg. Clover hay 1st crop harvested 74%, 26% 1993, 59% avg. Winter wheat 16% fair, 67% good, 17% excellent. Pasture 20% fair, 68% good, 12% excellent. Oats 2% poor, 16% fair, 69% good, 13% excellent. Hay 4% poor, 22% fair, 67% good, 7% excellent. Corn borer was reported in many early-planted corn fields. Producers in southern areas are reporting problems with face flies on cattle.

KANSAS: Temperatures 6° above normal. Some much needed precipitation was received, ranging from 0.20 in. southeast to 2.12 in. north-central.

Days suitable for fieldwork 5.0. Wheat harvest progressed rapidly until the rain at midweek slowed or halted combines. Hot, dry weather allowed some harvest to resume by the weekend. Currently, virtually all the wheat is ripe except in the northwest, northeast districts. Hot, dry weather during the last two weeks matured the crop rapidly. Normally, 70% of the crop is ripe by this time. Harvest 60% complete, 10% 1993, 35% avg. Many reports indicate yields better than expected earlier. Condition

reports improved with the rain, early reports of pleasing yields, good quality. Wheat 63% good to excellent, only 37% fair to poor. Corn is beginning to silk in most districts. Rains at mid-week improved condition slightly, may have its most dramatic impact in the long term. Crop condition is currently 71% good to excellent, 29% fair to poor. Sorghum planting virtually 99% complete, 90% both 1993 and average. Some of the southern areas are still awaiting moisture before any further seeding. Soybean planting reached 98% complete, compared with 90% 1993, 85% avg. Surface soil moisture 59% percent short to very short, 41% adequate to surplus. Subsurface moisture 32% short to very short, 68% adequate. Northwest, west central, north central experienced the longest rain delays with only 3 to 3.5 days suitable for fieldwork. Wheat harvest was the primary activity during the week. As soon as the crop was off, tillage, planting of soybeans was begun. Pastures also improved with the rain except in the southwest, south central where the least amounts fell and grass was already stressed by a shortage of moisture. Harvest of alfalfa reached the 40% level for the second cutting during the week. This compares with 15% 1993, 30% average for this time of year.

KENTUCKY: Very hot, humid; afternoon highs reaching mid to upper 90s. Relief 24th, 25th as cold front moved across. Temperatures upper 70s, 2 to 7° above normal. First 4 days, widely scattered thunderstorms provided only minimal relief from heat doing little to relieve very dry conditions. Thunderstorms 24th produced between 0.50 to 3.00 in. rain with additional over weekend.

Days suitable for fieldwork 5.1. Soil moisture 30% very short, 43% short, 25% adequate, 2% surplus; some relief late in period. Condition of set tobacco fair to mostly good. Stress shown in late set plants. Corn condition fair to mostly good. Soybean planting 83% complete, emerged plants avg. height 5 in. Earliest soybeans beginning to bloom. Wheat harvest 60% complete, ahead 1993, avg. Small grain yields reported above avg. Pastures fair to good, weekend rains very beneficial.

LOUISIANA: Temperatures 2.0° below to 0.1° above normal. Extremes 65°; 95°. Rainfall 1.21 in. west central to 2.57 in. south central.

Days suitable for fieldwork 3.3. Soil moisture supplies 37% adequate, 63% surplus. Corn 8% fair, 67% good, 25% excellent; 98% silked, 74% 1993, 89% avg.; 65% dough stage, 29% 1993, 46% avg.; 5% mature, 1% 1993, 2% avg. Progress was vigorous because of timely moisture, hot, humid weather. Cotton growers applied pesticides to control weeds, insects. Cultivation was slowed due to rains. Hay 85% first cutting, 88% 1993, 77% avg. Slowed due to rains. Peaches 55% fair, 26% good, 19% excellent; 53% harvested, 34% 1993, 41% avg. Rice 32% headed, 16% 1993, 20% avg. Blast, sheath became more widespread in the southern parishes. Sorghum 100% emerged, 98% 1993, 94% avg.; 26% headed, 4% 1993, 19% avg. Soybeans 91% planted, 89% 1993, 83% avg.; 90% emerged, 85% 1993, 76% avg. Planting progress was slowed due to showers. Sweet potatoes 78% planted, 65% 1993, 95% avg. Planting made good progress. Sugar cane 13% fair, 87% good. Rains halted fallow land preparations and lay-by. Wheat 98% harvested, 96% 1993, 95% avg. Livestock 5% poor, 40% fair, 50% good, 5% excellent. Pasture 1% poor, 3% fair, 93% good, 3% excellent. Vegetables 23% fair, 68% good, 9% excellent.

MARYLAND & DELAWARE: **MARYLAND:** Precipitation 0.47 in., normal 0.90 in. Temperature 80.2°, normal 72.4°. Extremes 54°; 100°.

Days suitable for fieldwork 6.3. Topsoil 43% very short, 48% short, 9% adequate. Subsoil moisture 14% very short, 68% short, 18% adequate. Pasture feed poor to good. Small grain fair to good. Winter wheat 15% harvested, 17% 1993, 21% avg. Barley 79% harvested, 73% 1993, 68% avg. Rye 19% harvested, 17% 1993, 34% avg. Corn planting virtually complete. Soybeans 72% planted, 75% 1993, 74% avg. Sorghum 95% planted, 89% 1993, 95% avg. Tobacco 97% transplanted, 94% 1993, 91% avg. Sweet corn 95% planted, 97% 1993, 95% avg. Tomato, cucumber, lima, snap bean planting active. Other hay first cut complete, with few acres cut second time; alfalfa hay 38% second cut. Excellent haymaking weather; cutting silage. Strawberry harvest virtually complete, green pea harvest active. Apples mostly fair, peaches are poor.

DELAWARE: Precipitation 0.16 in., normal 0.80 in. Temperature 78.7°, normal 72.8°. Extremes 63°; 100°.

Days suitable for fieldwork 6.2. Topsoil 38% very short, 50% short, 12% adequate. Subsoil moisture 57% short, 43% adequate. Pasture feed good. Small grain mostly fair. Wheat 87% turned, 92% 1993, 97% avg. Barley 60% harvested, 89% 1993, 72% avg. Rye 88% turned, 64% 1993, 89% avg. Soybeans 70% planted, 71% 1993, 79% avg. Sorghum planting virtually complete, 93% 1993, 98% avg. Sweet corn complete. Vegetable planting active. Other hay first cut complete, 4% second cut. Alfalfa hay 27% second cut, 26% 1993, 31% avg. Strawberry harvest complete, green pea harvest past mid-point.

MICHIGAN: Extremes 45°; 96°. Precipitation none to 6.95 in.

Days suitable for fieldwork 5.5. Soil moisture 45% short, 35% adequate, 20% surplus. Dry beans 95% planted, 80% 1993, 80% avg.; 85% emerged, 70% 1993, 70% avg. Oats 65% headed, 20% 1993, 35% avg.; 5% very poor, 10% poor, 35% fair, 40% good, 10% excellent. Soybeans 100% emerged, 95% 1993, 95% avg. Hay 80% first cutting, 55% 1993, 65% avg.; 5% very poor, 15% poor, 30% fair, 40% good, 10% excellent. Pasture feed 75% of normal. Major activities included hay harvesting, planting dry beans, spraying field crops, spraying fruit.

MINNESOTA: Temperatures near normal to 2° above normal in the northwest, to 11° above normal in the southeast. Extremes 44°; 97°. Precipitation 0.90 in. above normal in the northwest to 0.50 in. below normal southeast part of the State. Greatest weekly total was 5.12 in.

Days suitable for fieldwork 3.2. Topsoil 5% short, 53% adequate, 42% surplus. Corn 80% cultivated once, 20% 1993, 63% avg.; 33 in. average unextended height, 10 in. 1993, 17 in. avg.; soybeans 51% cultivated once, 9% 1993, 43% avg.; 11 in. average unextended height, 5 in. 1993, 6 in. avg. 5% blooming, 0% 1993, 0% avg.; Spring wheat 93% jointing, 94% 1993, 90% avg., 42% heading, 28% 1993, 47% avg.; Oats 98% jointing, 81% 1993, 92% avg.; 73% heading, 23% 1993, 59% avg.; barley 91% jointing, 96% 1993, 85% avg.; 69% heading 36% 1993, 50% avg.; alfalfa 90% cut, 65% 1993, 76% avg.; corn 2% poor, 10% fair, 66% good, 22% excellent. Spring wheat 1% very poor, 3% poor, 22% fair, 67% good, 7% excellent. Barley 7% poor, 27% fair, 61% good, 5% excellent. Oats 6% very poor, 25% fair, 65% good, 4% excellent. Soybeans 3% poor, 14% fair, 70% good, 13% excellent. Sugarbeets 3% poor, 13% fair, 76% good, 8% excellent. Dry beans 0% very poor, 3% poor, 26% fair, 65% good, 6% excellent.

MISSISSIPPI: Temperatures 0.1° above normal. Extremes 58°; 96°. Soil temperature 84°. Rainfall 1.72 in., 0.82 in. above normal. Northeast part of the State, lower Delta received slightly below normal rainfall, rest of the State received above normal rainfall.

Days suitable for fieldwork 4.0. Soil moisture 55% adequate, 45% surplus. Corn 73% silked, 38% 1993, 51% avg.; 30% dough, 7% 1993, 12% avg.; 31% fair, 56% good, 13% excellent. Cotton 93% squared, 44% 1993, 60% avg.; 10% set boll, 1% 1993, 2% avg.; 9% fair, 65% good, 26% excellent. Rice 2% heading, 0% 1993, 0% avg.; 19% fair, 51% good, 30% excellent. Sorghum 23% heading, 1% 1993, 6% avg.; 25% fair, 64% good, 11% excellent. Soybeans 99% planted, 76% 1993, 77% avg.; 95% emerged, 70% 1993, 68% avg.; 6% blooming, 0% 1993, 0% avg.; 29% fair, 38% good, 33% excellent. Wheat 92% harvested, 64% 1993, 79% avg.; 7% poor, 1% fair, 41% good, 51% excellent. Hay 55% harvested, 52% 1993, 46% 5 yr avg. Peaches 45% harvested, 37% 1993, 46% avg. Pecans 26% poor, 53% fair, 16% good, 5% excellent. Sweet potatoes 82% planted, 89% 1993, 88% avg.; 63% fair, 37% good. Watermelons 38% fair, 52% good, 10% excellent. Livestock 8% fair, 72% good, 20% excellent. Pasture 87% of normal. Activities: Insect, weed control.

MISSOURI: Temperatures above normal, 3° above normal west-central, northeast to 6° above in the north-central, east-central. Rainfall 1.45 in., ranging from 0.07 in. southwest to 3.08 in. southeast.

Days suitable for fieldwork 5.5. Topsoil moisture 47% short, 50% adequate, 3% surplus. Wheat harvest 82% complete southeast. Oat harvest 5%, 4% 1993, 8% avg. Alfalfa hay second cutting 24%, 9% 1993, 19% avg. Other hay cut 70%, 59% 1993, 63% avg. Pastures 1% very poor, 7% poor, 56% fair, 35% good, 1% excellent.

MONTANA: Above normal temperatures, scattered thunderstorms across the State. Reports of serious hail damage to some farms in the north-central, south-central districts.

Days suitable for fieldwork 5.7. Topsoil 24% short, 75% adequate, 1% surplus. Subsoil 28% short, 71% adequate, 1% surplus. Winter wheat 77% headed, 53% 1993, 60% avg. Winter wheat 5% turning, 0% 1993, 0% avg. Spring wheat 40% boot, 25% 1993, 36% avg. Barley 2% poor, 15% fair, 58% good, 25% excellent. Barley 48% boot, 22% 1993, 36% avg.; 18% headed, 6% 1993, 13% avg. Oat 1% poor, 16% fair, 60% good, 23% excellent; 42% boot, 23% 1993, 33% avg.; 14% headed, 5% 1993, 10% avg. Sugarbeets 62% good, 38% excellent. First cutting alfalfa 32%, 16% 1993, 18% avg. Other hay harvest 24%, 10% 1993, 12% avg. Pasture, range feed condition 94% of normal.

NEBRASKA: Temperatures 1 to 4° above normal. Precipitation occurred throughout the week varying from 0.10 to 4.28 in.

Days suitable for fieldwork 3.9. Topsoil 19% short, 72% adequate, 9% surplus. Subsoil moisture 17% short, 80% adequate, 3% surplus. Winter wheat 19% poor, 61% fair, 20% good; 31% ripe, 3% 1993, 14% avg.; 2% harvested, 0% 1993, 4% avg. Corn 15% fair, 65% good, 20% excellent. Soybean 19% fair, 78% good, 3% excellent; 2% blooming, 0% 1993, 1% avg. Sorghum 21% fair, 73% good, 6% excellent. Alfalfa 1% very poor, 8% poor, 35% fair, 45% good, 11% excellent; 8% second cutting harvested, 4% 1993, 4% avg. Pasture, range feed 89% of normal.

NEVADA: Scattered light showers east, northeast. Temperatures began slightly above normal, well above normal by week's end. Extremes 31°; 118°.

First cutting alfalfa hay about complete, second cutting started most northern areas. Potato crop growing well, about a week ahead of normal. Range feed condition mostly fair to good, stockwater generally adequate.

NEW ENGLAND: Precipitation 0.01 to 1.35 in. regionwide. Temperatures 57 to 70° north; 66 to 74° south. Maximum temperatures 78 to 101° north; 73 to 98° south. Minimum temperatures 42 to 57° north; 50 to 62° south.

Maine potatoes 99% planted, 100% 1993, 100% avg.; 85% emerged, 90% 1993, 95% avg.; good. Oats 100% planted, 100% 1993, 100% avg.; 90%

emerged; good. Field corn 99% planted, 100% 1993, 99% avg.; 99% emerged; good. Shade tobacco 100% planted, 100% 1993; good. Broadleaf tobacco 95% planted, 99% 1993; good. First crop hay 70% harvested, 70% 1993, 65% avg.; good. Second crop hay 10% harvested, 5% 1993, 5% avg.; good. Sweet corn 90% planted, 95% 1993, 95% avg.; 90% emerged; good. Apples, pears average fruit set. Peaches light fruit set. Cranberries average to heavy fruit set. Major farm activities: Planting field crops. Harvesting hay and early season vegetables. Applying herbicides, fertilizers.

NEW JERSEY: Temperatures above normal. Extremes 51°; 94°. Rainfall averaged 1.15 in. north, 0.96 in. central, none south. Heaviest 24 hour total 1.95 in. on 24th, 25th. Estimated soil moisture, in percent field capacity, averaged 63% north, 55% central, 37% south. Four inch soil temperatures averaged 73° north, 75° central, 76° south.

Days suitable for fieldwork 7. Topsoil continues to be below adequate. Irrigation of vegetables, field crops occurring throughout the State. Peaches are continuing to size well. Thinning of apples is nearly complete. Harvest of blueberries, including the Bluecrop variety, has begun. Cranberries are flowering. Strawberry harvest is almost finished. Good supply of summer squash, cabbage (red, green, and savoy), green beans. Moderate volume of beets, turnips, Chinese cabbage, green onions, leeks. Increasing supply of tomatoes, cucumbers, eggplants. Limited supply of lettuce, escarole, spinach. Planting of late season tomatoes in limited areas. Wheat, barley are browning with the harvest of barley beginning next week. Hay cutting reported statewide. Pastures are in good condition.

NEW MEXICO: Week began mild, showery, quickly evolved into one of the most significant heat waves in modern history. While the statewide average temperature was only 5° above normal, many locations saw readings 10 to 15° above normal the last three days of the week. Deming's 112°, Animas's 110°, Albuquerque's 107°: all-time record highs. Temperatures reached 100° at elevations as high as 7,000 feet in the northern section of the State. Higher precipitation totals for the week included 0.99 in. Los Alamos, 0.63 in. Carrizozo, 0.59 in. Quemado Lake.

Days suitable for fieldwork 6.5. Soil moisture 76% short, 21% adequate, 3% surplus. Cropland conditions: Alfalfa 16% fair, 75% good, 9% excellent. Irrigated wheat 32% fair, 54% good, 5% excellent. Dryland wheat 13% very poor, 41% poor, 33% fair, 13% good. Chile was reported at 31% fair, 69% good. Corn 13% fair, 74% good, 13% excellent. Sorghum planting finished up this week, reported as 68% fair, 32% good. Cattle, sheep remained in poor to good condition. Range feed condition was reported at 66% of normal.

NEW YORK: Temperatures 2 to 4° above normal, there were wide swings during week. Week started well above average, returned to seasonable levels at midweek, fell to below average at end of week. Extremes 49°; 97°. Precipitation variable, mostly from showers, thunderstorms. Most areas received between 0.60 in. to 1.25 in. of rain.

Days suitable for fieldwork 6.1. Soil moisture short to adequate. Pasture feed condition 92% of normal. Hay in good condition. Alfalfa first cutting 83% finished, 72% 1993, 61% avg. Clover-timothy 65% harvested, 58% 1993, 53% avg. Grass silage 80% cut, 76% 1993, 63% avg. Corn 98% planted, 100% 1993, 95% avg. Good growth during the week. Wheat in good condition, fields flowering. Potatoes in good condition, blossom buds in northern areas. Dry beans 60% planted. Strawberry harvest near peak. Vegetable planting continued active. Onion stands look good, moisture needed in Orange County. Most vegetable crops growing well, in good condition. Lake Ontario region fruits in good condition. Sweet, tart cherries in northwestern areas show good crop potential. June drop continued in apple orchards.

NORTH CAROLINA: Mean temperatures 75° at Asheville to 83° at New Bern. Rainfall 0.77 in. at Charlotte to no precipitation at several locations.

Days suitable for fieldwork 6.1. Soil moisture 14% very short, 53% short, 32% adequate, 1% surplus. Crop conditions: Wheat 16% fair, 74% good, 10% excellent; pasture 1% very poor, 17% poor, 45% fair, 37% good; field tobacco 1% poor, 17% fair, 75% good, 7% excellent; corn 1% very poor, 8% poor, 29% fair, 58% good, 4% excellent; cotton 31% fair, 67% good, 2% excellent; peanuts 38% fair, 62% good; soybeans 1% poor, 29% fair, 67% good, 3% excellent; hay 1% very poor, 12% poor, 41% fair, 46% good; Irish potatoes 3% poor, 23% fair, 71% good, 3% excellent; sweet potatoes 34% fair, 64% good, 2% excellent; apples 5% poor, 23% fair, 68% good, 4% excellent; peaches 20% fair, 75% good, 5% excellent; truck crops 2% poor, 38% fair, 56% good, 4% excellent; hay, roughage supplies 3% very short, 24% short, 72% adequate, 1% surplus; sorghum planted 91%, 89% 1993, 80% avg.; soybeans planted 83%, 86% 1993, 81% avg.; sweet potatoes 92%, 95% 1993, 93% avg.; Irish potatoes harvested 44%, 28% 1993, 45% avg.; wheat harvested 75%, 73% 1993, 67% avg.; oats harvested 80%, 75% 1993, 69% avg.; barley harvested 80%, 75% 1993, 70% avg. Rye harvested 72%, 71% 1993, 70% avg.; peaches harvested 32%, 21% 1993, 33% avg.; first cutting of hay is 95% complete with the second cutting 32% complete. Activities included: Harvesting small grain, planting soybeans, cultivating crops. Other activities included: Harvesting hay, truck crops; tending livestock; equipment repair, general farm maintenance.

NORTH DAKOTA: State had above normal temperatures, variable precipitation throughout the week. Precipitation 0.10 in. southwest to 2.07

in. northeast. Temperatures 1° above normal northwest, west central to 4° east central. Extremes 45° northwest; 94° south central.

Days suitable for fieldwork 5.8. Topsoil 5% very short, 14% short, 71% adequate, 10% surplus. Subsoil 1% very short, 7% short, 83% adequate, 9% surplus. Condition of emerged crops mostly good. Hard red spring wheat 4% poor, 19% fair, 66% good, 11% excellent; durum wheat 1% poor, 16% fair, 65% good, 18% excellent; barley 3% poor, 17% fair, 67% good, 8% excellent; oats 3% poor, 25% fair, 64% good, 8% excellent; corn 3% poor, 26% fair, 65% good, 6% excellent; soybeans 6% poor, 21% fair, 68% good, 5% excellent; sugarbeets 2% poor, 10% fair, 81% good, 7% excellent; flaxseed 4% poor, 17% fair, 68% good, 11% excellent; dry edible beans 1% poor, 15% fair, 73% good, 11% excellent; potatoes 23% fair, 77% good; sunflower 3% poor, 17% fair, 72% good, 8% excellent. Small grain development ahead of last year, behind average. Hard red spring wheat 23% heading to flowering and beyond, 13% 1993, 30% avg.; durum wheat 8% heading to flowering and beyond, 5% 1993, 13% avg.; barley 26% heading to flowering and beyond, 22% 1993, 36% avg.; oats 19% heading to flowering and beyond; 13% 1993, 29% avg. Late season crop development at or ahead of last year. Height of emerged late season crops: corn 16 in., 8 in. 1993, 13 in. avg.; sugarbeets 10 in., 8 in. 1993, NA avg.; soybeans 8 in., 5 in. 1993, 7 in. avg.; sunflower 9 in., 6 in. 1993, 7 in. avg.; flaxseed 6 in., 5 in. 1993, 6 in. avg.; dry edible beans 7 in., 5 in. 1993, 6 in. avg.; potatoes 10 in., 7 in. 1993, 8 in. avg. Spraying of broadleaf weeds was 84% complete, wild oats 94%. Range, pastures conditions 92%; hay crop 87% of normal. Alfalfa hay first cutting 41% complete, other hay 15%. Stockwater supplies 1% short, 93% adequate, 6% surplus.

OHIO: Low pressure moved across the Ohio Valley late in the week ending the oppressive heat while bringing welcome rainfall. Some thunderstorms severe. High temperatures routinely in the upper 80s to 90s. Average highs were middle 80s with average lows mainly in the 60s. Rain was widespread for the week. Most areas totaled at least 1.00 in., many received 2.00 in. or more.

Days suitable for fieldwork 5.7. Soil moisture 65% short, 35% adequate. Winter ripe 10%, 2% 1993, 15% avg.; harvested curtailed due to weekend rains. Oats headed 83%, 60% 1993, 72% avg. Strawberries harvested 82%, 66% 1993, 75% avg.; record temperatures quickly ripened vines. Hay 4% very poor, 12% poor, 43% fair, 38% good, 3% very good, quality of hay barned excellent. Pasture 9% very poor, 21% poor, 43% fair, 26% good, 1% excellent, some livestock producers feeding hay were pastures are depleted. Recent rains should improve conditions. Livestock greatly stressed due to record temperatures, energy is being used for body cooling. Milk cows giving less milk, sow conception down, egg production down. It is expected that recent rains, cooler weather should improve soil moisture, crop, livestock condition drastically.

OKLAHOMA: Temperatures 2° above normal southeast to 5° above normal northeast. Precipitation none Panhandle, central to 1.72 in. east-central.

Days suitable for fieldwork 6.5 Topsoil moisture 57% short, 43% adequate. Subsoil moisture 29% short, 71% adequate. Oats 62% harvested, 21% 1993, 56% avg.; 28% plowed, 5% 1993, 20% avg. Barley 99% soft dough, 83% 1993, 87% avg.; 56% harvested, 25% 1993, 55% avg.; 23% plowed, 5% 1993, 15% avg. Corn 7% fair, 86% good, 7% excellent; 31% tasseling, 33% 1993, 16% avg.; 15% milk-to-soft, 2% 1993, 3% avg. Sorghum 88% planted, 93% 1993, 84% avg.; 72% up-to-stand, 80% 1993, 69% avg. Soybeans 87% planted, 64% 1993, 70% avg.; 81% up-to-stand, 46% 1993, 46% avg. Peanuts 98% planted, 98% 1993, 86% avg.; 92% up-to-stand, 90% 1993, 66% avg.; 11% pegging, 1% 1993, 14% avg. Pasture 93% normal. Feeder steers steady to \$1.00 higher. Stockers steady.

OREGON: Temperatures mostly normal, only below normal readings southwestern interior, south-central areas. Precipitation: coast and Willamette Valley trace to less than 0.10 in., elsewhere dry.

Soil moisture 31% short, 69% adequate. Winter wheat 2% very poor, 8% poor, 30% fair, 46% good, 14% excellent; headed. Eastern areas: Hay harvest continued, summer fallow operations continued, sugarbeets looked good. Western areas: Hay harvest continued, grass seed fields looked good, pollinating. Outbreak of Russian wheat aphids reported in Columbia Basin of Oregon. Snap pea harvest underway, Columbia Basin. Potato hilling, cultivation nearly complete, central areas. Willamette Valley: Vegetable development slowed, green bean harvest underway, broccoli harvest approaching, fall broccoli, sweet corn plantings concluding, strawberry harvest mostly complete, raspberry, blueberry harvest continued, other canberries developing rapidly. Willamette Valley, The Dalles district sweet cherry harvest continued some rain splitting reported. Cranberry good bloom, pollination hampered cloudy weather; southern coast. Livestock good to excellent. Range, pasture 85% of normal. Cattle movement from spring pastures to summer, private ranges continued.

PENNSYLVANIA: Scattered showers, amounts varied from 0.10 to 2.00 in. Temperature above normal for 16th week in a row. Temperature 79°, 12° above normal. Extremes 47°; 100°. Precipitation 0.81 in., 0.13 in. below normal.

Days suitable for fieldwork 5. Soil moisture 63% short, 36% adequate, 2% surplus. Corn 99% planted, 100% 1993, 97% avg.; height 16 in., 14 in. 1993, 14 in. avg.; 1% very poor, 5% poor, 32% fair, 52% good, 10% excellent. Tobacco 95% transplanted, 96% 1993, 90% avg. Soybeans 94% planted, 96% 1993, 86% avg.; 1% very poor, 11% poor, 30% fair, 50% good, 8% excellent. Barley 100% boot, 100% 1993; 100% heading or headed, 100% 1993; 83% turning yellow, 67% 1993; 50% ripe, 29% 1993; 25% harvested, 12% 1993. Wheat 100% boot, 100% 1993; 100% heading or headed, 100% 1993; 50% turning yellow, 38% 1993; 5% ripe, 4% 1993; 1% very poor, 2% poor, 25% fair, 56% good, 16% excellent. Oats 1% very poor, 7% poor, 27% fair, 52% good, 13% excellent. Alfalfa first cutting 86% complete, 86% 1993. Second cutting alfalfa 14% complete, 18% 1993. Quality of hay made 3% poor, 32% fair, 65% good. First cutting timothy clover 66% complete, 72% 1993. Feed from pastures poor to fair. Apple 40% below avg., 55% avg.; 5% above avg. Activities: Planting soybeans; transplanting tobacco; making hay; spraying corn; spreading fertilizer; hauling manure; caring for livestock.

PUERTO RICO: Rainfall of 0.26 in. was 1.10 in. below normal. Highest total rainfall 1.14 in. at San Lorenzo, 1.10 in. Rio Blanco, 0.92 in. at Roosevelt Roads. Island temperatures 81 to 82° on the coasts, 77 to 79° interior with mean station temperature 83.4° at Trujillo Alto, Roosevelt Roads to 70.3° Pico del Este. Extremes 58°; 96°.

SOUTH CAROLINA: Average rainfall 0.50 in. Statewide temperatures 2 to 4° above normal.

Days suitable for fieldwork 6.1. Soil moisture 7% very short, 67% short, 24% adequate, 2% surplus. Tobacco fair to good; 58% topped, 53% 1993, 47% avg.; 1% harvested, 0% 1993, 3% avg. Barley fair to good; 94% ripe, 97% 1993, 93% avg.; 86% harvested, 80% 1993, 73% avg. Corn fair; 86% silked, 52% 1993, 62% avg.; 45% doughing, 6% 1993, 17% avg. Cotton 11% poor, 66% fair, 23% good; 54% squaring, 42% 1993, 40% avg.; 10% setting bolls, 4% 1993, 8% avg. Soybeans 4% very poor, 5% poor, 49% fair, 42% good; 81% planted, 79% 1993, 80% avg. Cantaloupes fair; 38% harvested, 32% 1993, 31% avg. Watermelons fair; 42% harvested, 28% 1993, 26% avg. Cucumbers fair; 78% harvested, 63% 1993, 65% avg. Tomatoes fair to good; 60% harvested, 41% 1993, 43% avg. Oats fair to good; 93% harvested, 83% 1993, 82% avg. Rye fair to good; 95% ripe, 97% 1993, 95% avg.; 80% harvested, 73% 1993, 73% avg. Wheat fair to good; 91% harvested, 87% 1993, 82% avg. Peaches fair to good; 27% harvested, 20% 1993, 27% avg. Sorghum fair; 75% planted, 76% 1993, 67% avg. Pasture fair.

SOUTH DAKOTA: Temperatures 2° below normal to 5° above normal. Extremes 33°; 99°. Precipitation greatest southeast; south central, east central 4.00 to 6.00 in. Heaviest 5.80 in. south central.

Days suitable for fieldwork 5.5. Topsoil moisture 9% very short, 34% short, 44% adequate, 13% surplus. Subsoil moisture 5% very short, 32% short, 45% adequate, 18% surplus. Winter wheat 51% turning color, 12% 1993, 34% avg. Winter rye 13% poor, 31% fair, 49% good, 7% excellent; 35% turning color, 4% 1993, 28% avg. Spring wheat 12% turning color, 0% 1993, 4% avg. Barley 7% poor, 33% fair, 53% good, 7% excellent; 89% boot, 75% 1993, 91% avg.; 76% headed, 38% 1993, 69% avg. Oats 2% very poor, 6% poor, 27% fair, 58% good, 7% excellent; 81% headed, 40% 1993, 73% avg.; 7% turning color, 0% 1993, 6% avg. Flax 6% poor, 20% fair, 74% good; 6% blooming, 10% 1993, 13% avg. Sunflower 7% poor, 23% fair, 68% good, 2% excellent. Corn avg. height 23 in., 8 in. 1993, 15 in. avg.; 90% cultivated once, 26% 1993, 70% avg.; 46% cultivated twice, 12% 1993, 27% avg. Alfalfa 83% 1st cutting, 48% 1993, 62% avg. Other hay 27% harvested, 9% 1993, 22% avg. Livestock 4% fair, 83% good, 13% excellent. Feed supply 11% short, 81% adequate, 8% surplus. Pastures 89% of normal. Water supply 2% short, 80% adequate, 18% surplus. Producers busy cutting alfalfa hay, cultivating row crops.

TENNESSEE: Temperatures 2 to 4° above normal, Extremes 60°; 96°. Precipitation 0.51 to 4.47 in. above normal in west, middle areas, 1.00 to 2.00 in. above normal in eastern areas.

Days suitable for fieldwork 5.1. Soil moisture 21% short, 76% adequate, 3% surplus. Corn 19% tasseling, 11% 1993, 16% avg.; 12% fair, 82% good, 6% excellent. Cotton 65% squaring, 59% 1993, 39% avg.; 16% fair, 76% good, 8% excellent. Sorghum 4% poor 14% fair, 77% good, 5% excellent. Soybeans 86% planted, 86% 1993, 79% avg.; 5% poor 12% fair, 78% good, 5% excellent. Tobacco 14% fair, 82% good, 4% excellent. Wheat 99% ripe, 94% 1993, 94% avg.; 75% harvested, 55% 1993, 61% avg. Alfalfa 52% 2nd cut., 40% 1993, 43% avg.; 17% fair, 80% good, 3% excellent. Other hay, 3% poor, 21% fair, 74% good, 2% excellent. Pasture, 1% poor, 24% fair, 73% good, 2% excellent. Cattle, 14% fair, 84% good, 2% excellent.

TEXAS: Hot conditions developed across West Texas last week, with the High Plains, Trans-Pecos, Edwards Plateau areas reporting temperatures of 4 to 5° above normal. Remainder of State recorded near to slightly above normal temperatures, with departures ranging from 0 to +2°. Similar to temperature, precipitation displayed a clustered pattern last week, except the cluster of above normal rainfall was in East Texas and Upper Coast areas. Upper Coast averaged 1.56 in. of rain (+0.54 in. departure), while East Texas received 0.93 in. (+0.16 in. departure). Other areas reported little or

no rainfall, with departures -0.10 to -0.57 in. Some of the larger individual station totals were 1.20 in. at Texarkana, 2.37 in. at Victoria. Mean soil temperature last week ranged from lower 80s to lower 90s. Range of mean soil temperature was from 80° at Bushland to 92° at Pecos. Highest daily soil maximum temperature was 106° at Pecos, while lowest daily minimum temperature was 74° at Lufkin.

Crops: Plains: corn made good progress as irrigation activities continued in full swing. In Blacklands, stress conditions continued, with some fields showing signs of drying. Producers in South Central Texas were preparing for harvest. Corn condition 88% normal, 81% 1993; 58% silked, 52% 1993; 40% dough, 28% 1993; 10% dented, 11% 1993. Cotton: hot, dry conditions in Plains allowed cotton to make good progress, some dryland fields were beginning to stress. Producers were busy applying insecticides in Blacklands, Rio Grande Valley. Cultivation, hoeing activities were also active. Cotton condition 82% normal, 79% 1993; 99% planted, 97% 1993; 3% setting bolls, 0% 1993. Peanuts planting continued on limited basis in Cross Timbers, additional rainfall is needed in order for planting to be completed. Most emerged stands made good progress. Peanut 86% normal, 88% 1993; 72% planted, 66% 1993. Rice fertilizing, disease control activities occurred in rice fields in Upper Coast. Most rice stands continued to make good to excellent progress. Rice 95% normal, 83% 1993; 18% headed, 5% 1993. Sorghum continued to make good progress in Blacklands. Lack of moisture in some areas of Plains delayed remaining planting activity. In Coastal Bend, South Texas, a few fields were harvested before scattered showers delayed progress. In Rio Grande Valley, harvest resumed following previous weeks wet conditions. Sorghum 87% normal, 77% 1993; 95% planted, 94% 1993; 59% headed, 47% 1993; 40% turning color, 22% 1993; 17% mature, 3% 1993; 1% harvested, 0% 1993. Soybeans made good progress in Upper Coast but light insect pressure began showing up in some fields. Soybeans in Blacklands continued to mature but were beginning to stress from extreme hot temperatures. Soybeans 88% planted, 90% 1993. Sunflowers 84% planted, 81% 1993. Small grains hot, dry conditions in Plains allowed harvest activities to progress at rapid pace, while wet, humid conditions in parts of Blacklands caused some delays to wheat harvest. Plowing of harvested fields was active. Statewide wheat condition 55% normal, 74% 1993. Oats 66% harvested, 62% 1993.

Commercial Vegetables: Rio Grande Valley: general land preparation activities continued. Peppers made good progress. Citrus fruit continued to develop nicely. San Antonio-Winter Garden cantaloupe, watermelon harvest continued. Some evidence of disease affecting watermelons was reported. Trans-Pecos cantaloupe harvest continued. East Texas sweet potato planting was completed. Harvest of tomatoes, cucumbers, squash, onions, peppers, peas continued. Watermelon harvest began, previous weeks wet weather conditions have caused disease problems in some fields. High Plains onions made excellent progress. Peach producers were spraying for disease, insect control in Edwards Plateau. Brown rot continued to be a problem in East Texas. Harvest activities continued. Pecans continued to make good progress in Cross Timbers, some problems with aphids were reported. Heavy casebearer activity continued in trees in South Central Texas, while some trees were dropping nuts due to heat in Edwards Plateau.

Range and Livestock: Showers across eastern part of State hampered hay harvest activities, harvest continued in full swing across rest of State. In areas where little rain has fallen the past month, pastures were beginning to turn brown, show signs of stress due to intense heat. Ranchers in Plains, Trans-Pecos began supplemental feeding livestock again. Livestock remained fair to good, flies, ticks continued to be a problem.

UTAH: Temperature maximums 6° above normal; minimums 6° above normal. Precipitation light across most of the State.

Days suitable for fieldwork 6.9. Soil moisture 90% short, 10% adequate. Irrigation water supply 28% very short, 41% short, 31% adequate. Stockwater supply 8% very short, 40% short, 52% adequate. Spring wheat heading or better 92%, 68% 1993, 71% avg. Barley heading or better 90%, 71% 1993, 76% avg. Oats jointed 82%, 73% 1993; heading or better 42%, 40% 1993, 46% avg. Winter wheat ripe 12%. Corn height 18 in., 14 in. 1993, 17.7 in. avg. Alfalfa hay: 1st cutting 91% completed, 87% 1993, 86% avg.; 2nd cutting 6%. Other hay cutting 46% completed, 28% 1993, 33% avg. Sweet cherries 44% picked. Dry beans planted 99%. Cattle moved to summer range 93%, 97% 1993. Sheep moved to summer range 77%, 95% 1993, 93% avg. Pasture, range conditions good to excellent. Major farm activities were harvesting alfalfa, grass hay, irrigating, cultivating, moving cattle, sheep.

VIRGINIA: Temperatures above normal. Extremes 56°; 100°. Precipitation was variable with scattered thunderstorms.

Days suitable for fieldwork 6.0. Topsoil moisture 27% very short, 57% short, 16% adequate. Pasture feed 10% very poor, 38% poor, 39% fair, 13% good. Alfalfa hay 8% very poor, 15% poor, 59% fair, 18% good. Other hay 10% very poor, 33% poor, 46% fair, 11% good. Apple 5% poor, 58% fair, 37% good. Flue tobacco 22% poor, 40% fair, 31% good, 7% excellent. Fire tobacco 36% fair, 59% good, 5% excellent. Burley tobacco 35% good, 65% excellent. Burley tobacco transplanted 100%, 95% 1993, 95% avg. Sun tobacco 75% fair, 25% good. Corn silked 4%, 2% 1993, 6% avg.; 4% very poor, 33% poor, 42% fair, 21% good. Soybeans planted 75%, 74% 1993, 77% avg.; 1% very poor, 13% poor,

63% fair, 23% good. Peanut 20% poor, 50% fair, 30% good. Cotton 70% fair, 30% good. Wheat 45% harvested, 36% 1993, 47% avg. Oats 44% harvested, 40% 1993, 47% avg. Barley 84% harvested, 82% 1993, 84% avg. Livestock mostly good. Some producers supplementing pastures with hay feeding. Tobacco lay-by, cultivation, harvesting squash, cucumbers, tomatoes, irrigating tobacco, vegetables, spraying fruit trees.

WASHINGTON: Temperatures normal to 3° above normal west; 2° below normal to 6° above normal east. Precipitation none to 0.88 in. west; none to 1.04 in. east. High pressure was over the State for the most part, but a few weak weather systems brushed the northeast, south central portions. Most of the rainfall was the result of thunderstorms.

Days suitable for fieldwork 6.5. Soil moisture 50% short, 50% adequate. Hay, other roughage supplies 8% short, 90% adequate, 2% surplus. Range, pasture 8% very poor, 23% poor, 25% fair, 43% good, 1% excellent. Winter wheat dryland 16% poor, 36% fair, 45% good, 3% excellent; irrigated 91% good, 9% excellent. Spring wheat dryland 18% poor, 52% fair, 30% good; irrigated 94% good, 6% excellent. Barley dryland 22% poor, 46% fair, 32% good; irrigated 5% fair, 94% good, 1% excellent. Potatoes 2% fair, 98% good. Dry edible beans 100% good. Corn 1% poor, 15% fair, 83% good, 1% excellent. Winter wheat 100% headed, 100% 1993, 99% avg. Spring wheat 92% headed, 69% 1993, 86% avg. Barley 95% headed, 79% 1993, 89% avg. Dry beans 100% planted, 100% 1993, 100% avg. Corn 100% planted, 99% 1993, 100% avg. Alfalfa, first cutting, 92% completed, 92% 1993, 93% avg.; second cutting, 20% complete, 14% 1993, 17% avg. Drier weather came as a blessing to hay growers. Dry bean and corn plantings were completed. Early potatoes were nearing harvest in the south central part of the State. Cherry harvest began in the Wenatchee Valley with good yields, high quality reported. Raspberry harvest began in the west. Green peas were being harvested.

WEST VIRGINIA: Temperature 74°. Extremes 50°; 98°. Precipitation 1.43 in.

Days suitable for fieldwork 4.6. Soil moisture 5% very short, 65% short, 30% adequate. Barley good; ripe 100%, 90% 1993, 79% avg.; 54% harvested, 30% 1993, 37% avg. Wheat 2% fair, 98% good; headed 100%, 100% 1993, 100% avg.; ripe 32%, 50% 1993, 46% avg. Hay 8% poor, 36% fair, 56% good; first cutting 80%, 74% 1993, 61% avg. Apples 50% poor, 50% fair. Peaches 100% very poor. Corn 5% poor, 72% fair, 23% good; planted 100%, 95% 1993, 96% avg.; emerged 91%, 90% 1993, 95% avg. Oats 21% fair, 79% good. Tobacco 23% poor, 77% fair; set 98%, 85% 1993, 91% avg. Gardens 9% poor, 62% fair, 29% good; planted 100%, 85% 1993, 92% avg.; emerged 91%, 75% 1993, 84% avg. Soybeans 95% fair, 5% good; planted 87%, 90% 1993; emerged 69%, 85% 1993. Pastures 17% poor, 50% fair, 33% good; 80% of normal. Cattle 9% poor, 7% fair, 84% good. Sheep 36% poor, 14% fair, 50% good. Farm activities: Cutting hay, gardening, plowing, planting, equipment maintenance.

WISCONSIN: Temperature 70°, 4° above normal. Extremes 43°; 96°. Precipitation 0.60 to 3.00 in.

Days suitable for fieldwork 4.2. Soil moisture 51% short, 49% adequate. Pasture 74%, 89% 1993, 79% avg. General condition of crops: 1% poor, 19% fair, 75% good, 5% excellent. Average height of corn 30 in., 8 in. 1993, 17 in. avg. Corn condition: 1% poor, 10% fair, 71% good, 18% excellent. Oats 4% poor, 33% fair, 54% good, 9% excellent; headed 71%, 9% 1993, 38% avg. Soybean 3% poor, 18% fair, 69% good, 10% excellent. First cutting hay harvested 85%, 43% 1993, 68% avg. Opportune rainfall coupled with high temperatures accelerated crop development. A Pierce county reporter stated that "...you can almost hear the corn grow...and it is too tall for any further cultivating." Oats are short, look to have a good amount of grain; straw quantities are expected to be low. Second crop hay harvest has started in the southern part of the State. Increased moisture will accelerate its development, also benefit third crop. Sweet corn planting is nearing completion, late snap bean planting continues. Potato crop looks good, tubers are beginning to form.

WYOMING: Temperatures 5° above normal. Chugwater, Diversion Dam were each 2° above normal. Kaycee, Moran, Thermopolis were the hot spots at 8° above normal. Precipitation was slightly below normal for most locations. The exception was the northeast where rainfall was well below normal. Wheatland received the most precipitation with 1.86 in.

Days suitable for fieldwork 6.3. Topsoil 88% short, 12% adequate. Winter wheat 98% headed, 88% 1993, 61% avg.; 50% turning color, 6% 1993, 8% avg. Spring wheat 67% headed, 22% 1993, 28% avg.; 0% turning color, 4% 1993, 2% avg. Oats 40% headed, 24% 1993, 21% avg.; 1% turning color, 2% 1993, 1% avg. Barley 67% headed, 45% 1993, 51% avg.; 6% turning color, 4% 1993, 3% avg. Sugarbeet 95% thinned, 81% 1993, 84% avg. Average corn height 17.9 in., 13.0 in. 1993. Dry beans 100% emerged, 75% 1993, 92% avg. Alfalfa 51% first cutting, 30% 1993, 32% avg. Other hay 26% acreage harvested, 10% 1993, 9% avg. Irrigation water supplies 32% short, 68% adequate. Winter wheat 46% very poor, 9% poor, 42% fair, 3% good. Barley 1% poor, 14% fair, 85% good. Oats 14% poor, 33% fair, 53% good. Spring wheat 8% poor, 69% fair, 23% good. Sugarbeets 31% fair, 41% good, 28% excellent. Corn 3% poor, 10% fair, 63% good, 24% excellent. Percent cattle, calves moved to summer ranges 95%, 88% 1993. Percent sheep, lambs moved to summer ranges 90%, 80% 1993. Stockwater supplies 39% short, 61% adequate.

International Weather and Crop Summary

HIGHLIGHTS

June 19 - 25, 1994

FSU-WESTERN: Widespread showers and unseasonably cool weather prevailed over the region.

FSU-NEW LANDS: Beneficial showers for spring grains in the west, but warm, unfavorably dry weather persisted over much of Kazakhstan.

EUROPE: Showers favored corn growth in France.

CANADA: Needed rains brought relief to crops in southern Manitoba and Ontario.

AUSTRALIA: Rain favored southern and western wheat, while dryness delayed eastern planting.

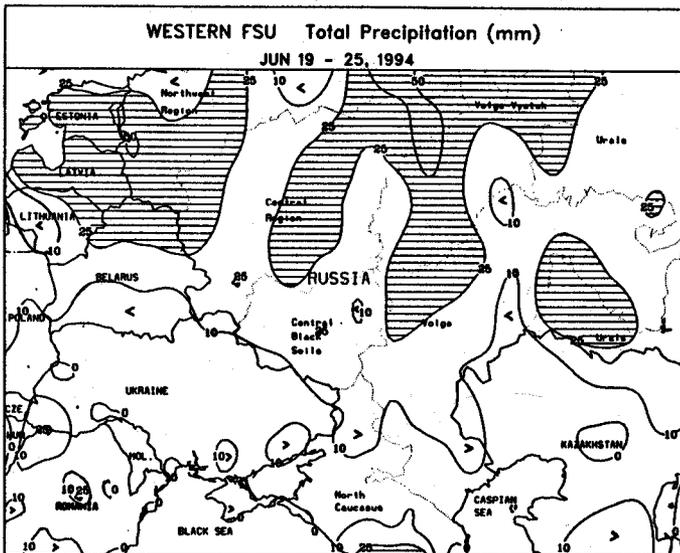
SOUTH ASIA: The monsoon progressed northward, but beneficial rain covered a smaller area than last week.

SOUTHEAST ASIA: Heavy rain returned to Indochina, although a dry pocket persisted over central Thailand's corn and rainfed rice areas.

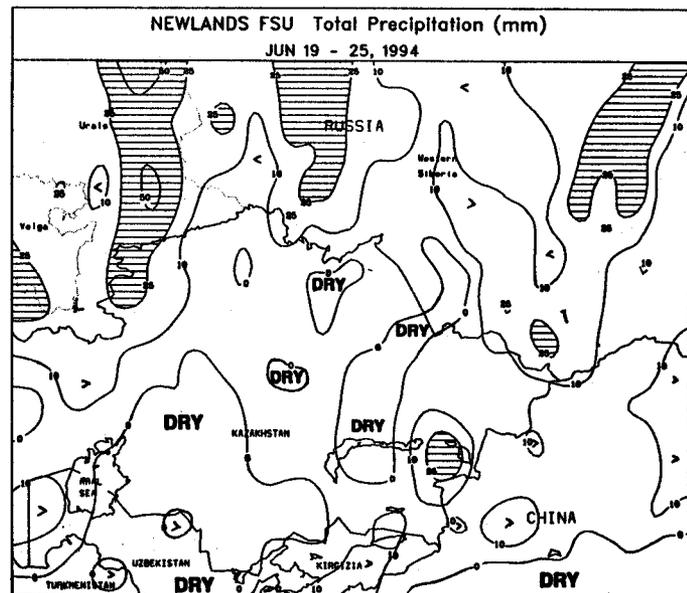
EASTERN ASIA: Rain brought relief to summer crops across most of the North China Plain.

SOUTH AMERICA: Low temperatures produced frost across portions of Brazil's main coffee areas, threatening next year's crop.

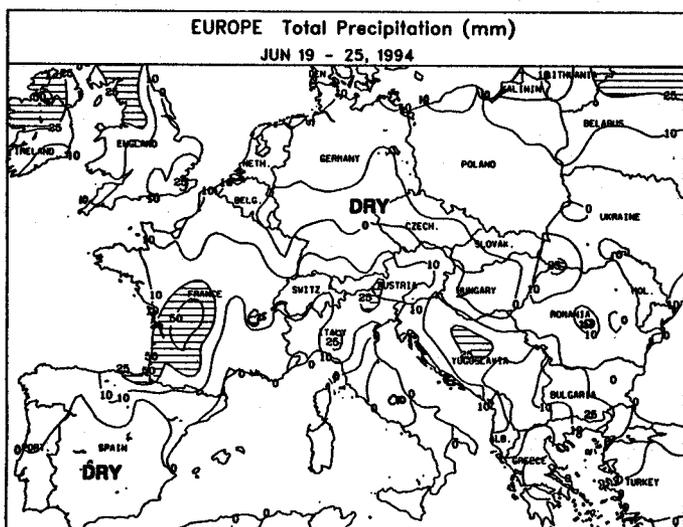
MEXICO: Seasonal showers benefited summer crops across the southern corn belt, while hot weather increased irrigation demand in the north.



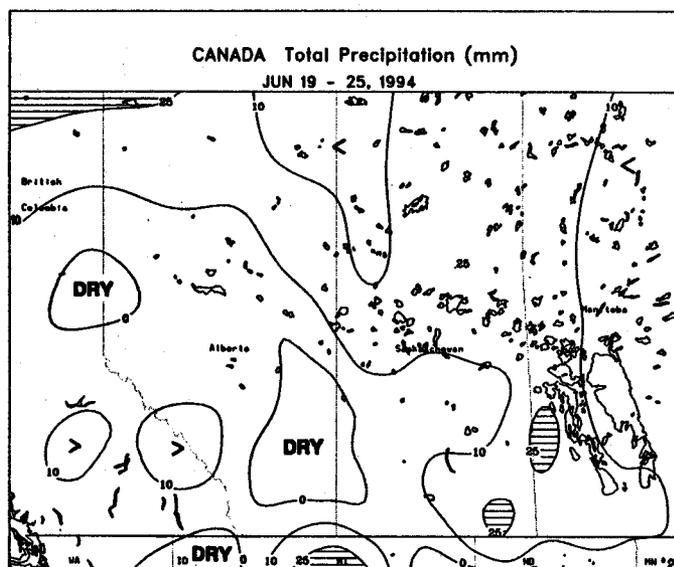
FSU-WESTERN: In Russia, widespread showers (10-38 mm) fell over most crop areas, providing additional moisture for crop development. Almost daily intermittent showers covered the Baltic States and Belarus as well as Russia, keeping temperatures below average and slowing crop growth for the second consecutive week. Weekly temperatures averaged 3-6 degrees C below normal over the region. Showers (1-10 mm) diminished over North Caucasus, Russia, and Ukraine, but unseasonably cool weather prevailed across the south as well. Winter grains ranged from mostly filling to heading in the north, while spring grains were entering reproduction across southern portions of the region.



FSU-NEW LANDS: Showers (9-28 mm) reached into the western portions of Kazakhstan, with locally heavier rain (25-66 mm) falling over Urals, Russia. Some beneficial showers (10-34 mm) were scattered over Western Siberia, but amounts were highly variable with a dry pocket noted along the border of Kazakhstan. Unfavorably dry weather with only scattered, light showers (mostly 5 mm or less) persisted over central and eastern crop areas of Kazakhstan. Weekly temperatures averaged 2-4 degrees above normal in the east and 1-3 degrees below normal in the west. The warm, mostly dry weather over much of Kazakhstan continued to stress spring grains, nearing the reproductive phase of development.

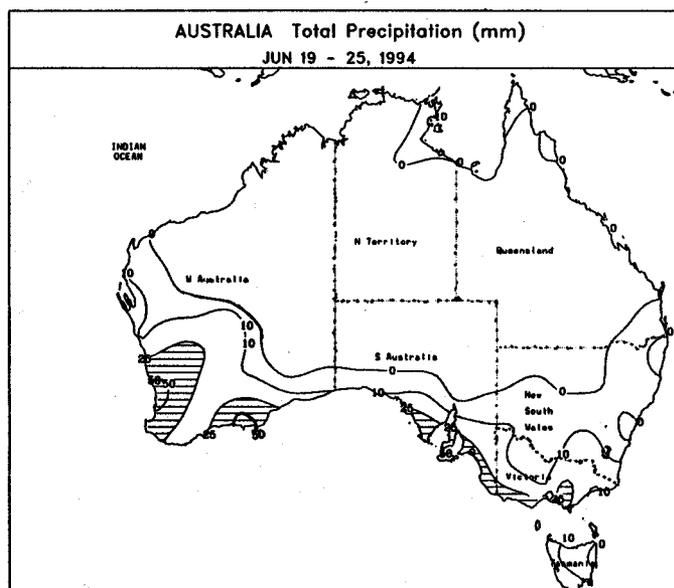


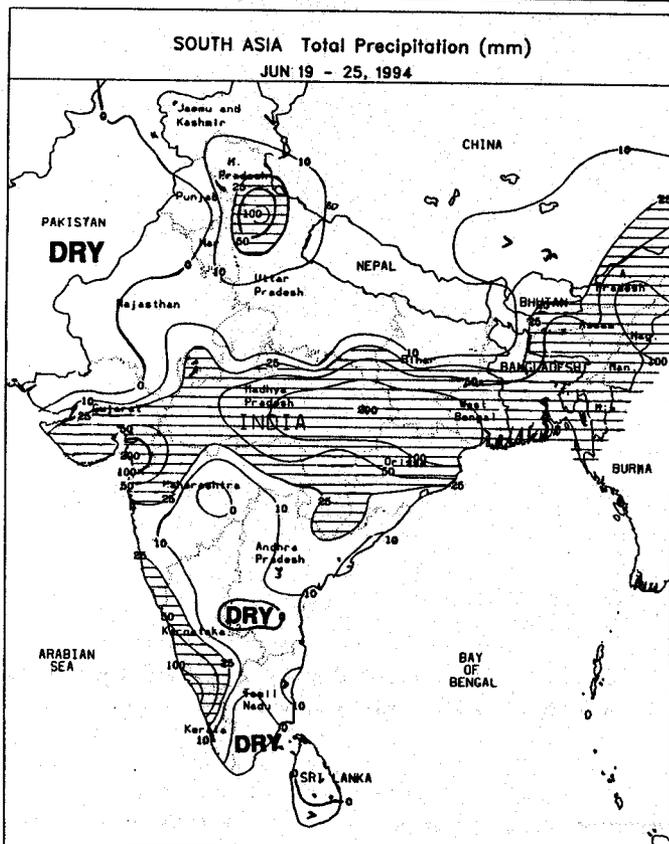
EUROPE: Showers (10-40 mm) covered most of France and northern Italy, while tapering off over former Yugoslavia and western Bulgaria. Locally heavier showers (40-84 mm) in southwestern France provided a favorable soaking of topsoils for corn that was about to enter reproduction. Variable showers (5-45 mm) over the United Kingdom and Ireland also favored crop development. Dry weather in Spain promoted winter crop harvesting. Mostly dry weather and generally seasonable temperatures prevailed over north-central and eastern Europe, helping winter crop maturation as well as summer crop growth. Below-average weekly temperatures (1-2 degrees C below normal) were confined to Poland. Widespread, locally heavy rain fell in Scandinavia. Weekly rainfall generally averaged 10-45 mm in the primary crop areas, with isolated totals reaching 112 mm in southern Sweden. Weekly temperatures averaged 1-3 degrees C below normal.



CANADA: Moderate showers (10-42 mm) fell across Manitoba and southeastern Saskatchewan, benefiting vegetative grains. The rain was especially welcomed in southern Manitoba following about 4 weeks of dry weather. Rainfall totaled less than 10 mm over most of Alberta and western Saskatchewan. This area has been trending dry for 2-3 weeks and will need more rain soon as crops enter reproduction. Temperatures averaged 1-2 degrees C above normal, enhancing crop growth but further drying topsoils in the southwest. In Ontario, needed rain (16-24 mm) covered winter wheat and corn areas that had been trending dry since May. Heavier rain (25-60 mm) covered corn and soybean areas just north of Lake Erie and Lake Ontario, as well as crop areas of southern Quebec. Temperatures averaged 2-3 degrees C above normal in Ontario and Quebec.

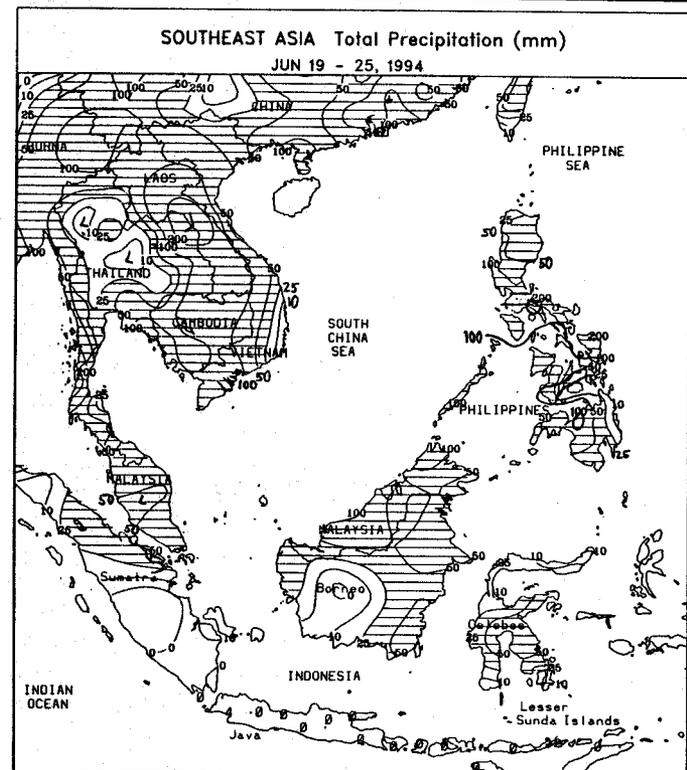
AUSTRALIA: Dry weather continued to delay winter wheat planting across Queensland and New South Wales. Light to moderate rain (10-40 mm) favored vegetative wheat across Victoria, and South and Western Australia. Dry weather aided sugarcane harvesting across northeastern Queensland. Temperatures averaged 1-3 degrees C above normal across most wheat areas.



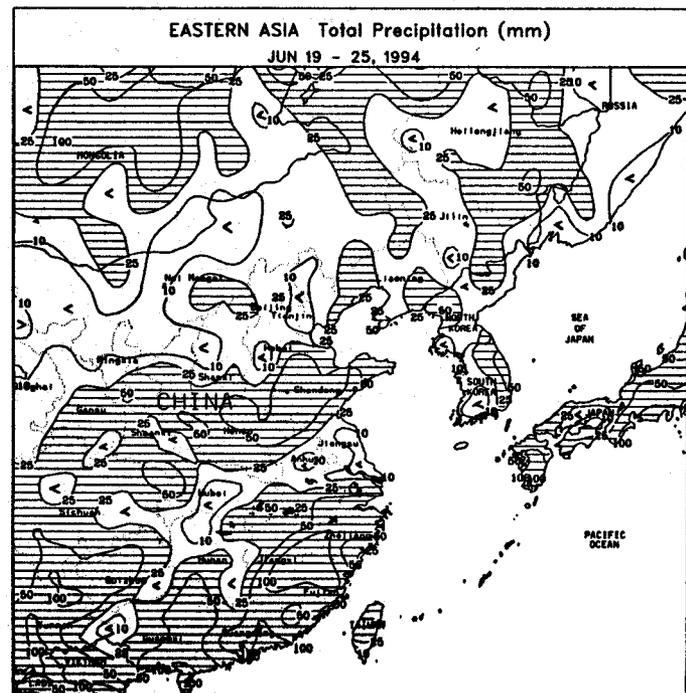


SOUTH ASIA: The southwest monsoon advanced northward, but moderate to heavy rain (25-100 mm or more) was confined to a narrow band stretching from the west coast through Madhya Pradesh to the far east. In western India, the rain boosted topsoil moisture in important soybean, groundnut, and cotton regions of Gujarat and Madhya Pradesh. Further east, excessive rain (145-203 mm) likely caused some flooding in rice areas from eastern Madhya Pradesh to West Bengal. Mostly dry weather (10 mm or less) covered the southern interior from Maharashtra and northern Andhra Pradesh southward, favoring fieldwork. More rain is needed for establishing crops, however, in primary cotton, grain, and oilseed areas of Karnataka and southern Andhra Pradesh. In the north, hot, dry weather persisted over Pakistan and northern India where the monsoon is not yet established. The monsoon has been progressing well, and would normally be established over northern Pakistan by mid-July.

EASTERN ASIA: Moderate to heavy showers (20-70 mm, with isolated amounts greater than 100 mm) covered most of the North China Plain, benefiting vegetative summer crops but slowing winter wheat harvesting. Only portions of southern Hebei received less than 10 mm. Widespread moderate rain (15-35 mm) also benefited summer crops throughout Manchuria. Sichuan and southern China received moderate to heavy rains (25-80 mm), favoring summer crops and keeping rice irrigation supplies high. Heavier showers (100-175 mm) plagued southeast China (Jiangxi, Zhejiang, Fujian, and Guangdong), causing additional flooding. Temperatures averaged near normal across eastern China and 2-4 degrees C above normal in Manchuria. Moderate rains (15-50 mm) fell across South Korea and most of Japan, with temperatures averaging 1-2 degrees C below normal.



SOUTHEAST ASIA: Heavy showers (50-100 mm or more) returned to many primary rice areas of Indochina. Inundating rain (100-200 mm or more) over the Mekong Delta and sections of eastern Thailand caused some additional flooding. In contrast, dry weather persisted over corn and rainfed rice areas of central Thailand. Moderate showers (25-50 mm or more) benefited most crop areas of the Malay Peninsula. In the Philippines, moderate to heavy showers (25-50 mm or more, with 100-200 mm over southeastern Luzon and Samar Island) increased moisture for rice, corn, and sugarcane. The rain was mainly from two tropical systems that crossed the islands, one of which became Tropical Storm Sharon.



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Crop Progress for the Week Ending June 26, 1994

SPRING WHEAT HEADED

	Current	Last Wk	1993	Avg.
ID	43	33	10	30
MN	42	21	28	47
MT	16	4	5	11
ND	23	8	13	30
SD	80	47	41	70

5 States 32 15 17 35

These 5 States produced 97% of the 1993 spring wheat crop.

COTTON SQUARING

	Current	Last Wk	1993	Avg.
AL	49	42	40	62
AZ	96	90	88	89
AR	74	56	48	50
CA	40	25	40	59
GA	83	62	55	55
LA	84	67	51	64
MS	93	79	44	60
MO	72	12	45	42
NM	45	28	20	43
NC	34	15	32	35
OK	8	7	23	9
SC	54	28	42	40
TN	65	45	59	39
TX	40	24	34	27

14 States 56 39 41 42

These 14 States produced 99% of the 1993 cotton crop.

SOYBEANS BLOOMING

	Current	Last Wk	1993	Avg.
AL	3	N/A	3	2
AR	4	N/A	0	0
GA	5	N/A	1	4
IL	4	N/A	1	9
IN	0	N/A	0	0
IA	0	N/A	0	0
KS	3	N/A	1	5
KY	1	N/A	1	1
LA	3	N/A	1	1
MI	0	N/A	0	0
MN	5	N/A	0	0
MS	6	N/A	0	0
MO	4	N/A	0	5
NE	2	N/A	0	1
NC	0	N/A	0	0
OH	0	N/A	0	0
SC	0	N/A	0	0
SD	3	N/A	0	3
TN	0	N/A	0	1

19 States 2 N/A 0 2

These 19 States produced 95% of the 1993 soybean crop.

WINTER WHEAT HARVESTED

	Current	Last Wk	1993	Avg.
AR	78	44	66	79
CA	55	35	45	53
CO	11	0	0	1
GA	97	94	96	93
ID	0	0	0	0
IL	15	0	6	23
IN	6	1	4	18
KS	60	25	10	35
MI	0	0	0	0
MO	24	8	13	32
MT	0	0	0	0
NE	2	0	0	4
NC	75	49	73	67
OH	0	0	0	8
OK	92	75	56	77
OR	0	0	0	0
SD	0	0	0	0
TX	66	44	66	62
WA	0	0	0	0

19 States 41 24 21 33

These 19 States produced 92% of the 1993 winter wheat crop.

COTTON SETTING BOLLS

	Current	Last Wk	1993	Avg.
AL	4	N/A	1	6
AZ	38	N/A	41	45
AR	9	N/A	0	0
CA	5	N/A	5	5
GA	9	N/A	3	6
LA	19	N/A	5	7
MS	10	N/A	1	2
MO	0	N/A	0	0
NM	2	N/A	3	6
NC	0	N/A	0	0
OK	0	N/A	0	0
SC	10	N/A	4	8
TN	0	N/A	0	0
TX	15	N/A	12	10

14 States 11 N/A 7 7

These 14 States produced 99% of the 1993 cotton crop.

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